

Iowa Department of Agriculture & Land Stewardship
BILL NORTHEY, Secretary of Agriculture

STATE CLIMATOLOGIST OFFICE

IOWA CLIMATE REVIEW

VOLUME 29, NUMBER 5
MAY 2015



The cooperation of the National Weather Service offices at Davenport, Johnston (Des Moines), La Crosse, Sioux Falls and Valley (Omaha) and their network of volunteer weather observers across Iowa in providing the data used in compiling this report is gratefully acknowledged.

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The climatic data used in this report are compiled from official records on file at the State Climatologist Office in Des Moines. Some of these data are of a preliminary nature and are subject to change without notice. Differences may exist in data values published here and those subsequently published in the U.S. Department of Commerce report *Climatological Data Iowa* due to use of differing quality control procedures.

IOWA MONTHLY WEATHER SUMMARY – MAY 2015

General Summary. Temperatures averaged 60.0° or 0.1° below normal while precipitation totaled 5.08 inches or 0.52 inches above normal. This ranks as the 69th warmest and 35th wettest May among 143 years of records.

Temperatures. There were two extended periods of warmer than normal weather from the 2nd through the 10th and from the 23rd through the 29th. Nevertheless, relatively brief but intense cold spells, particularly from the 18th through the 22nd, were just enough to pull the statewide average temperature barely below normal for the month as a whole. Temperature extremes varied from a high of 89° at Little Sioux on the 3rd to lows of 31° on the 1st at Elkader and Lowden. There were no freezes recorded after the 1st although Belle Plaine came close with a 33° reading on the 21st. This was the first May since 1995 when temperatures failed to reach 90° , as well as the smallest range in May temperature extremes since that year.

Heating Degree Days. Home heating requirements, as estimated by heating degree day accumulations, averaged 6% less than normal and 14% less than last May. Heating degree day totals for the 2014-2015 heating season (since July 1, 2014) are running 1% greater than normal but 11% less than during the long cold season of one year ago.

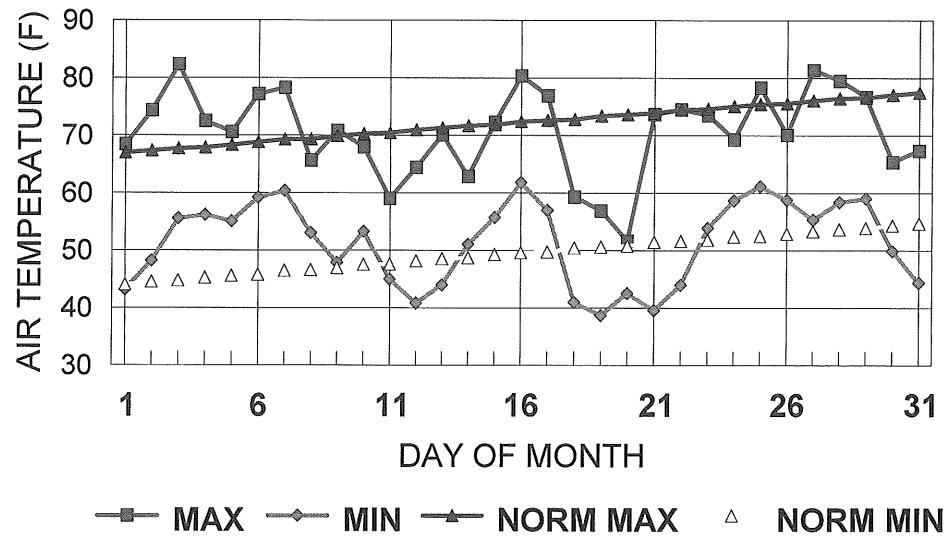
Precipitation. Rainfall was very frequent during May. Measurable rainfall (0.01 inch or more) fell on an average of 17 days at any single location in the state, 45% more frequently than typical in May (which averages the most rain days of any month of the year). Red Oak recorded 22 days with measurable rain and another three days with trace amounts. Monthly rain totals varied from 2.68 inches at Newton to 9.21 inches at a gage five miles east of Denison.

Greatest totals were generally over southwestern Iowa while below normal totals were mostly in a wide band from near Ottumwa northward to Mason City. The wettest period of this wet month came between the evening of the 23rd and morning of the 27th when a statewide average of 1.56 inches of rain fell. Despite the frequent May rainfall, year-to-date precipitation totals are below normal over most of the state with greatest deficits over the northwest and southeast corners of Iowa. Year-to-date precipitation surpluses are mostly confined to southwest and west central Iowa, roughly the same areas that were unusually wet in 2014.

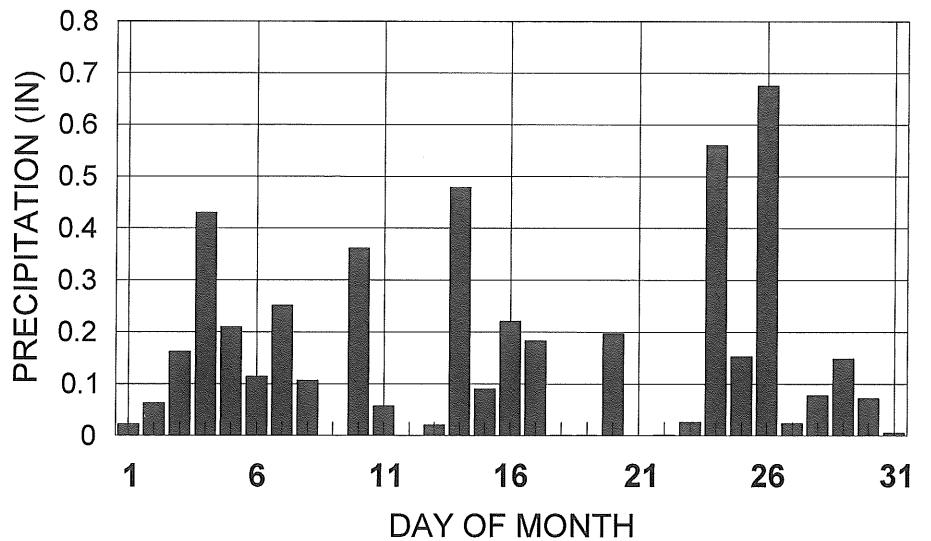
Spring Summary. Temperatures over the three spring months of March, April and May averaged 49.2° or 0.9° above normal while precipitation totaled 9.05 inches or 1.17 inches below normal. This ranks as the 46th warmest and 70th wettest spring among 143 years of records. A drier year-to-date was last recorded in 2003, although this year is just a few hundredths of an inch drier than last year at this time. The relative warmth of this spring, an extended period of mostly dry weather in late April, and the lack of widespread heavy rain events have allowed most of the state (the southwest being the primary exception) to experience good planting progress despite the high frequency of rain over the past month.

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IAWA DAILY MAX & MIN TEMPERATURES MAY 2015 (SELECTED STATIONS)



IAWA AVERAGE DAILY PRECIPITATION MAY 2015 (SELECTED STATIONS)



MAY 2015		IOWA CLIMATE REVIEW																																				
AIRPORT		DAY OF MONTH																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
PRELIMINARY AVERAGE DAILY DEW POINT TEMPERATURE																																						AVG
Ames	41	49	55	56	61	59	60	51	51	58	40	36	40	53	59	64	58	36	35	40	40	41	50	60	61	59	57	59	62	52	42	51.1						
Burlington	35	43	53	60	63	61	60	63	59	62	49	38	40	53	62	67	63	48	39	41	43	46	51	63	64	60	60	66	59	47	54.3							
Cedar Rapids			56	61	61	60	61	58	55	56	47	38	40	51	60	65	60	40	37	39	40	40	49	61	63	64	59	58	65	57	45	53.3						
Davenport	32	39	52	59	58	56	57	60	56	55	48	37	38	48	58	64	60	42	35	37	40	38	46	60	61	62	58	55	63	55	41	50.6						
Des Moines	41	48	56	58	61	58	60	52	52	60	40	35	40	55	60	64	58	37	35	42	40	42	50	61	61	60	56	62	53	43	51.6							
Dubuque	36	43	55	57	53	57	58	57	54	52	47	38	37	47	58	64	61	41	37	38	41	43	46	57	62	62	58	56	64	54	42	50.8						
Estherville	42	47	49	35	51	58	60	43	42	55	40	37	39	52	54	62	56	33	35	39	33	36	48	58	58	56	53	56	59	45	43	47.5						
Iowa City	37	46	55	60	62	59	60	58	55	57	46	38	40	51	60	65	61	42	37	39	41	41	49	61	62	63	58	59	64	56	44	52.5						
Lamoni	39	48	56	60	59	58	59	55	56	61	40	39	43	56	60	65	58	42	39	45	44	49	54	61	61	60	57	61	63	55	47	53.2						
Marshalltown	39	47	56	58	61	59	59	53	53	57	42	38	40	52	60	64	59	37	35	40	39	40	48	60	62	59	58	63	54	44	51.4							
Mason City	39	46	54	45	52	58	60	49	49	55	42	37	39	51	56	64	58	35	35	37	37	37	46	58	60	58	56	63	49	41	49.1							
Moline, IL	34	41	53	59	59	57	57	61	56	56	49	37	38	49	58	64	61	45	37	38	40	42	47	61	61	62	58	56	64	55	42	51.5						
Omaha, NE	42	53	58	55	59	60	59	50	51	56	38	38	44	56	59	63	57	39	36	43	40	45	55	60	59	58	53	60	60	47	45	51.5						
Ottumwa	37	48	55	60	62	59	61	57	55	61	43	38	42	54	61	66	60	42	37	41	43	46	51	62	62	58	60	65	57	47	53.3							
Sioux City	46	50	50	42	55	59	57	45	43	55	37	37	42	54	58	62	53	34	34	40	37	41	52	58	58	57	52	58	57	43	46	48.8						
Sioux Falls, SD	47	48	47	31	48	58	56	43	39	51	37	37	41	52	55	61	53	32	34	34	37	41	50	58	57	53	51	56	54	42	44	46.1						
Spencer	44	49	51	38	38	60	60	45	43	56	39	37	40	53	56	63	56	34	34	41	38	40	50	59	59	57	53	57	58	44	44	48.6						
Waterloo	38	46	55	57	57	59	60	53	53	55	43	37	39	50	59	64	59	37	36	39	39	41	48	59	62	60	57	57	63	54	44	51.0						
PRELIMINARY AVERAGE DAILY WIND SPEED (MPH)																																					AVG	
Ames	6.1	11.0	9.4	10.0	7.8	14.0	13.8	8.8	7.7	12.8	18.0	12.3	13.6	12.8	5.4	11.9	17.3	19.4	10.7	6.4	11.5	4.3	7.8	9.0	12.7	6.9	6.5	9.8	11.5	14.4	7.5	10.7						
Burlington	2.5	8.2	12.6	7.7	6.0	9.0	11.9	3.7	4.4	7.7	14.2	12.3	10.3	9.7	5.6	8.4	14.0	12.1	8.0	9.4	7.3	4.4	6.6	10.2	11.5	11.1	5.4	6.0	8.5	11.3	9.7	8.7						
Cedar Rapids	6.0	13.7	13.1	8.7	10.3	12.4	13.6	8.2	8.3	13.4	18.4	17.7	10.8	12.1	5.2	10.8	16.0	21.3	11.7	8.0	9.3	5.1	6.9	10.2	13.0	11.2	8.1	8.4	9.2	13.8	10.5	11.1						
Davenport	3.5	10.3	11.5	10.0	11.5	12.2	14.5	6.7	8.7	12.1	19.6	18.2	10.3	14.6	6.7	9.9	17.2	19.5	11.2	9.6	10.0	4.8	8.9	10.4	14.3	15.1	9.4	8.9	10.9	14.2	12.1	11.5						
Des Moines	7.2	12.7	11.0	10.2	7.5	15.4	13.9	7.6	7.2	12.0	17.7	12.9	13.8	12.5	7.0	12.9	16.9	18.0	9.2	6.8	10.0	5.3	8.8	9.9	13.0	7.4	6.2	10.6	10.6	11.9	7.8	10.8						
Dubuque	4.9	12.4	13.3	7.1	9.3	9.9	16.4	8.1	8.6	11.5	17.6	16.2	8.3	13.8	6.8	9.3	18.8	18.0	10.0	5.4	10.5	4.3	7.8	9.6	13.9	10.4	7.8	9.5	8.5	12.9	12.1	10.7						
Estherville	13.7	13.8	11.7	13.5	13.1	19.9	18.2	14.2	12.7	19.0	21.4	14.9	22.7	14.1	7.0	15.6	20.4	24.2	10.6	7.0	17.2	6.0	11.1	9.1	11.6	7.9	8.0	15.3	16.1	8.0	14.0							
Iowa City	1.2	8.3	9.5	8.8	8.1	9.4	11.9	6.0	6.7	9.5	16.6	15.0	9.1	10.8	4.3	9.6	13.5	15.4	10.3	7.0	7.2	1.6	5.5	7.3	11.3	10.6	5.5	7.3	7.4	11.5	10.1	8.9						
Lamoni	6.6	11.0	14.1	8.6	7.3	13.3	13.9	5.9	7.5	10.1	16.4	9.7	8.8	10.7	5.6	11.0	17.4	14.1	8.2	7.5	10.2	6.5	7.7	9.5	11.9	8.5	5.8	7.7	8.5	12.5	6.6	9.8						
Marshalltown	7.6	13.0	12.6	11.6	10.7	16.2	15.5	9.4	9.1	16.3	18.9	16.3	14.5	15.3	5.8	12.1	17.0	20.5	12.0	7.1	10.7	4.6	9.2	11.3	13.6	10.8	6.9	11.0	9.9	15.2	9.7	12.1						
Mason City	8.9	12.5	10.4	11.9	12.5	15.6	17.2	10.7	11.0	16.4	18.2	16.8	15.9	14.1	6.0	12.8	21.1	22.7	11.8	5.6	14.7	4.6	7.6	11.3	12.8	10.0	9.1	12.7	8.9	15.6	8.9	12.5						
Moline, IL	1.8	6.3	10.4	8.7	10.7	9.5	12.2	4.5	7.8	10.1	15.8	15.7	9.4	10.7	3.8	8.0	14.6	15.6	9.4	8.1	10.0	3.4	6.1	8.6	12.2	12.5	7.5	6.3	7.2	10.4	9.3	10.7						
Omaha, NE	8.1	15.1	11.7	8.9	11.4	17.8	13.8	10.1	10.1	15.3	16.5	5.7	16.0	10.6	8.7	15.8	15.1	15.5	10.4	8.1	6.3	5.3	8.4	6.9	11.3	7.3	5.0	10.2	12.8	14.0	7.1	10.9						
Ottumwa	5.3	11.4	13.0	9.2	7.1	13.2	14.1	7.3	6.4	12.5	16.6	12.1	12.6	13.3	5.9	12.2	15.1	15.8	10.9	9.4	9.6	6.0	8.6	10.6	12.6	10.5	5.8	10.1	7.3	13.1	8.6	10.5						
Sioux City	8.5	12.0	9.7	11.5	9.1	17.7	15.5	9.3	9.5	16.8	19.3	8.4	18.7	7.2	8.5	15.3	17.1	20.3	9.3	7.5	9.3	6.9	8.2	5.4	8.2	6.9	4.0	11.4	12.4	13.1	7.2	11.1						
Sioux Falls, SD	8.4	10.6	11.0	10.4	11.1	17.7	11.7	9.8	11.6	13.1	17.8	9.3	19.9	7.5	9.2	14.5	16.1	20.6	9.4	6.6	10.6	4.6	8.0	8.1	5.5	8.1	4.7	14.2	11.7	10.4	7.4	11.0						
Spencer	12.3	11.0	9.8	13.2	12.7	18.3	18.1	13.1	13.3	17.4	22.5	11.8	20.1	11.0	7.7	13.8	21.7	23.9	11.0	5.7	14.1	4.0	9.7	8.8	12.1	6.8	8.2	13.5	14.9	15.7	7.5	13.0						

MAY 2015	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																		IOWA CLIMATE REVIEW											
STATION	TEMPERATURE (F)												PRECIPITATION (inches)						SNOWFALL (inches)											
	Avg:	Avg:	Dep:	Ext:	Ext:	Max:	Max:	Min:	Min:	May:	May:	14-15:	Norm:	May:	May:	2015:	Norm:	Dep:	Ext:	Max:										
	Max:	Min:	Mean:	Norm:	Max:	Day:	Min:	Day:	90+:	32:	32:	0:	2015:	Norm:	Seas:	Seas:	2015:	Norm:	Day:	0.01:										
NORTHWEST DIVISION																														
Akron																														
Cherokee	69.1	46.9	58.0	-0.9	85	4	36	19	+	0	0	0	0	231	230	7365	7303	21	40	21	47	3.45	0.58	11	20	9	0	0.0	0	
Emmetsburg	69.5	49.3	59.4	0.9	88	4	34	19		0	0	0	0	207	236	7287	7758	37	32	38	36	4.66	0.76	0.64	11	16	11	0	0.0	0
Estherville Airport	67.7	47.0	57.4	-1.0	86	3	33	19		0	0	0	0	246	237	7677	7698	15	34	15	36					18	13	0	0.0	0
Estherville 4 E	67.8	46.8	57.3	-0.6	87	4	33	19		0	0	0	0	253	250	7814	7812	24	30	24	34	4.37	0.54	0.86	17	20	10	0	0.0	0
Everly 3 WNW																						3.51	0.55	15	19	11	0	0.0	0	
Hawarden	70.1	46.3	58.2	-1.2	88	28	36	19	+	0	0	0	0	220	216	7309	7399	18	41	18	48	3.85	0.50	0.57	7	18	11	0	0.0	0
Le Mars	70.3	47.8	59.1	-0.7	87	4	36	19	+	0	0	0	0	205	208	7105	7289	27	47	27	54	3.07	-0.26	0.62	14	18	9	0	0.0	0
Orange City																					3.65	0.75	14	19	12	0	0.0	0		
Pocahontas	69.1	49.2	59.2	-0.7	85	4	35	19		0	0	0	0	201	206		7338	29	47	30	55	3.98	-0.12	0.55	17	21	10	0	0.0	0
Primghar	71.9	50.0	61.0	0.1	86	4	35	19		0	0	0	0	153	180	6741	6999	35	55	36	66	3.86	0.26	0.91	14	15	10	0	0.0	0
Remsen #2																					3.77	0.57	14	17	13	0	0.0	0		
Rock Rapids	68.9	46.4	57.7	-1.1	86	4	35	9		0	0	0	0	238	229	7487	7704	18	37	18	42	4.30	1.01	0.89	30	15	12	0	0.0	0
Rock Valley																					3.66	0.39	1.21	30	17	11	1	0.0	0	
Sanborn	67.7	46.3	57.0	-1.3	85	4	33	12		0	0	0	0	262	245	7707	7784	19	36	19	40	3.95	0.24	0.57	11	20	12	0	0.0	0
Sheldon	67.8	45.4	56.6	-1.0	85	4	34	9		0	0	0	0	271	260	7697	8069	15	29	15	32	4.38	0.81	0.75	29	22	14	0	0.0	0
Sibley	67.7	44.6	56.2	-1.5	85	4	33	20	+	0	0	0	0	281	258	7879	7948	15	30	15	34	3.90	0.42	0.80	29	22	13	0	0.0	0
Sioux Center 2 SE	73.1	49.1	61.1	-0.4	87	28	35	19	+	0	0	0	0	150	171	6626	6930	36	61	37	72	3.19	-0.24	0.86	14	15	9	0	0.0	0
Sioux Rapids 4 E	68.7	48.8	58.8	-0.5	86	3	34	19		0	0	0	0	203	216	7334	7367	17	39	17	45	4.43	0.59	0.81	14	14	12	0	0.0	0
Spencer Airport	69.5	48.2	58.9	0.2	87	3	36	19	+	0	0	0	0	208	232	7287	7612	24	39	24	42									
Spencer 1 N	68.6	47.8	58.2	-0.6	86	3	35	19		0	0	0	0	224	229	7398	7589	19	39	19	45	3.91	0.09	1.00	14	15	11	1	0.0	0
Spirit Lake 4 W	67.8	48.5	58.2		86	27	34	19	+	0	0	0	0	222		7450		19		21		4.05		0.95	14	17	10	0	0.0	0
Storm Lake	67.6	48.3	58.0	-1.5	84	4	35	20		0	0	0	0	231	211	7246	7238	19	42	19	49	4.85	0.28	0.95	7	17	12	0	0.0	0
Washta	69.2	45.9	57.6		85	4	32	1		0	0	1	0	240				16	16		5.09	0.76	7	20	13	0	0.0	0		
NORTH CENTRAL DIVISION																														
Algona 3 W	67.9	47.4	57.7	-0.6	86	4	35	20	+	0	0	0	0	242	240	7618	7720	24	32	24	36	6.22	2.14	0.88	15	20	13	0	0.0	0
Allison	68.8	49.8	59.3	-0.2	85	4	38	20	+	0	0	0	0	203	205	7523	7331	35	36	35	42	4.58	0.02	1.26	26	16	9	1	0.0	0
Britt	67.1	48.0	57.6	-0.4	86	4	33	20		0	0	0	0	248	247	7840	7793	23	32	23	36	5.35	1.31	1.51	18	17	12	1	0.0	0
Charles City	68.8	50.5	59.7	0.5	82	3	37	19		0	0	0	0	188	212	7580	7312	32	34	32	40	3.08	-1.47	0.61	27	17	7	0	0.0	0
Clarion	68.7	48.9	58.8	-0.9	85	4	36	19		0	0	0	0	218	209	7548	7329	32	44	32	51	4.72	0.03	1.00	15	17	11	1	0.0	0
Dakota City	68.5	49.6	59.1	0.5	84	4	36	19		0	0	0	0	204	228	7356	7437	30	29	30	31	6.70	2.23	1.19	17	19	17	1	0.0	0
Forest City 2 NNE	66.7	46.9	56.8	-2.1	85	4	34	20	+	0	0	0	0	266	225	7895	7699	19	34	19	38	5.30	1.04	1.38	15	17	11	1	0.0	0
Hampton	68.8	49.4	59.1	0.3	83	28	36	19		0	0	0	0	207	228	7439	7429	33	35	33	40	4.45	-0.48	0.96	15	19	10	0	0.0	0
Kanawha																					4.85	0.50	0.97	15	17	13	0	0.0	0	
Lake Mills																					5.84	1.40	1.31	15	18	12	2	0.0	0	
Mason City	67.3	47.9	57.6	-0.1	83	4	36	20	+	0	0	0	0	243	255	7872	7737	20	29	20	34	3.64	-1.32	1.05	15	17	10	1	0.0	0
Mason City Airport	69.0	49.0	59.0	0.6	86	3	36	19	+	0	0	0	0	206	235	7691	7635	30	30	30	35	3.33	-1.35	1.16	14	15	8	1	0.0	0
Nashua 2 SW																					3.50		1.07	27	16	8	1	0.0	0	
Northwood	65.5	46.5	56.0	-1.4	83	4	34	19		0	0	0	0	285	262		7999	15	27	15	31	4.03	-0.35	0.80	15	16	10	0	0.0	0
Osage	66.7	48.5	57.6	-0.7	83	4	36	19		0	0	0	0	243	239	7898	7685	22	29	22	33	3.58	-0.94	0.65	30	14	6	0	0.0	0
Saint Ansgar																					4.92		1.64	8	12	11	1	0.0	0	
Swea City 4 W	67.6	46.6	57.1	-1.3	86	4	33	19		0	0	0	0	261	238	7845	7920	23	34	23	37	5.60	1.74	1.72	4	16	11	1	0.0	0
NORTHEAST DIVISION																														
Cascade	69.8	49.9	59.9	0.9	82	29	34	1		0	0	0	0	190	222	7473	7140	39	36	39	41	5.68	1.94	1.38	27	17	8	1	0.0	0
Cresco 1 NE	68.8	49.2	59.0	2.5	84	4	34	13		0	0	0	0	214	285	8009	8055	35	22	35	25	4.13	0.03	1.19	27	16	11	1	0.0	0
Decorah	72.5	50.4	61.5	2.1	83	4	32	1		0	0	1	0	156	211	7261	7086	52	36	52	43	5.91	1.72	1.26	26	15	11	3	0.0	0

MAY 2015	MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																				ICWA CLIMATE REVIEW										
									TEMPERATURE (F)								PRECIPITATION (inches)				SNOWFALL (inches)										
	STATION		Avg.	Avg.	Dep.	Ext.	Ext.	Max.	Max.	Min.	Min.	May:	May:	14-15	Norm:	May:	May:	2015	Norm:	May:	May:	14-15	Norm:	Dep.	Ext.	Max:	On Day:	Max:	On Day:	Total:	GND:
	MAX:	MIN:	MEAN:	NORM:	MAX:	DAY:	MIN:	DAY:	90+	32:	32:	0:	2015:	NORM:	SEAS:	SEAS:	2015:	NORM:	SEAS:	SEAS:	TOTAL:	NORM:	DAY:	DAY:	0.01:	0.10:	1.00:	TOTAL:	GND:	DAY:	
Dubuque Lock & Dam 11	70.5	51.2	60.9	0.4	83	29	+	39	23	+	0	0	0	0	169	188	7220	6758	50	47	51	53	5.45	1.08	1.22	25	16	13	2	0.0	0
Dubuque Airport	69.3	50.6	60.0	1.2	81	7		35	1		0	0	0	0	183	225	7433	7047	36	32	36	37	5.78	1.59	1.18	26	17	11	1	0.0	0
Elkader 6 SSW	68.4	47.7	58.1	-0.1	81	29		31	1		0	0	1	0	235	243	8111	7361	25	30	25	36	3.75	-0.65	0.82	25	18	11	0	0.0	0
Fayette	68.3	49.4	58.9	1.0	81	4		38	20	+	0	0	0	0	210	248	7720	7572	29	27	29	31	5.10	0.34	0.68	30	16	13	0	0.0	0
Guttenberg L & D 10	70.9	53.1	62.0	1.1	81	29	+	40	1		0	0	0	0	139	175	7055	6691	55	48	55	56	4.14	-0.11	0.75	25	17	11	0	0.0	0
Ionia 2 W																							3.86		1.20	27	14	9	1	0.0	0
Manchester #2	69.0	49.7	59.4	1.4	82	29		32	1		0	0	1	0	205	246	7734	7406	38	29	38	33	4.56	0.24	0.73	25	16	12	0	0.0	0
New Hampton	66.7	48.2	57.5	0.0	83	4		36	21	+	0	0	0	0	247	255	8060	7810	20	23	20	26	4.64	-0.02	1.35	27	13	10	1	0.0	0
Oelwein 1 E	68.2	49.4	58.8	0.0	82	4		37	21	+	0	0	0	0	218	221	7732	7457	30	29	31	29	3.84	-0.48	0.84	27	16	10	0	0.0	0
Postville	68.3	49.3	58.8		82	4		35	13		0	0	0	0	214				29		29		4.29	0.08	0.66	25	17	12	0	0.0	0
Stanley 4 W	68.6	49.6	59.1		88	17		32	1		0	0	1	0	218		7908		39		39		5.12	1.07	27	17	10	1	0.0	0	
Strawberry Point																						5.03	1.03	27	18	14	1	0.0	0		
Tripoli	69.3	50.3	59.8	1.2	84	4		38	19		0	0	0	0	196	230		7474	42	31	42	35	7.04	2.37	2.06	26	14	13	2	0.0	0
Waterloo Airport	70.4	51.3	60.9	0.4	82	28	+	34	1		0	0	0	0	168	188	7297	7002	47	48	47	56	4.87	0.34	1.18	10	14	10	1	0.0	0
WEST CENTRAL DIVISION																															
Audubon	67.9	48.9	58.4	-1.3	82	28		35	19		0	0	0	0	213	202	7170	7048	17	37	17	44	6.45	1.66	2.29	17	19	13	1	0.0	0
Battle Creek 3 NE	69.2	47.9	58.6		86	4		35	1		0	0	0	0	214		7291		24		24		4.89	1.57	7	18	13	1	0.0	0	
Carroll	69.1	48.5	58.8	-1.2	84	4		35	19		0	0	0	0	208	199	7001	7057	24	46	24	53	5.94	1.56	1.09	17	19	14	1	0.0	0
Castana Exp. Farm	68.3	48.4	58.4	-1.5	85	4		35	19		0	0	0	0	216	200	6801	6963	19	40	20	47	4.67	0.38	1.73	7	19	8	1	0.0	0
Denison	67.4	47.0	57.2	-3.9	84	4		34	20	+	0	0	0	0	246	179	6829	6658	14	57	16	67	6.21	1.77	1.52	7	17	13	1	0.0	0
Guthrie Center	70.1	50.0	60.1	0.1	84	28		34	1		0	0	0	0	180	201	6912	6866	30	46	30	57	6.08	1.00	1.70	17	18	14	1	0.0	0
Harlan 1 ESE	72.3	52.3	62.3	1.6	83	3		37	21	+	0	0	0	0	121	183	6107	6856	46	49	50	56	5.09	0.49	1.11	14	17	11	1	0.0	0
Holly Springs 1 NW																						4.74		1.27	7	20	13	1	0.0	0	
Holstein	67.9	48.9	58.4		84	3		34	19		0	0	0	0	216		7105		17		17		4.54	0.25	1.21	7	18	11	1	0.0	0
Jefferson 2 NW	69.7	49.0	59.4	-1.0	85	4		36	20	+	0	0	0	0	196	186	7019	6857	29	45	31	53	6.46	1.92	1.43	17	18	11	2	0.0	0
Little Sioux 2 NW	71.1	48.1	59.6		89	4		34	12		0	0	0	0	186		6868		30		32		5.66	1.68	7	21	12	1	0.0	0	
Logan	69.8	50.0	59.9	-1.2	83	28	+	36	12		0	0	0	0	177	177	6635	6708	25	56	26	66	6.20	1.33	2.53	7	19	13	1	0.0	0
Mapleton #2	68.4	47.3	57.9	-2.2	86	4		35	1		0	0	0	0	232	195	7091	7059	20	43	20	51	5.63	1.25	1.82	7	20	12	1	0.0	0
Rockwell City	69.0	49.2	59.1	-0.4	84	4		37	19		0	0	0	0	202	210	7114	7277	28	38	29	44	5.51	0.83	1.56	17	17	14	1	0.0	0
Sac City	67.5	47.0	57.3	-1.1	83	4		34	20	+	0	0	0	0	247	234	7408	7438	16	31	16	37	4.84	0.32	0.90	18	18	14	0	0.0	0
Sioux City Airport	70.9	49.8	60.4	-0.4	87	3		39	19	+	0	0	0	0	166	182	6408	6836	28	53	29	64	3.53	-0.21	0.76	14	17	11	0	0.0	0
CENTRAL DIVISION																															
Ames Airport	70.5	51.5	61.0	0.5	82	3		37	19		0	0	0	0	151	185	6830	6807	38	46	38	49									
Ames 8 WSW	71.9	52.0	62.0	0.4	81	4	+	36	19		0	0	0	0	128	161	6466	6534	42	55	43	67	4.51	-0.30	0.78	26	20	14	0	0.0	0
Ames 5 SE	69.3	49.3	59.3	-0.3	81	4		36	19		0	0	0	0	196	208	7118	6932	26	41	26	45	4.76	-0.05	1.01	25	17	13	1	0.0	0
Ankeny	69.8	50.9	60.4	-0.9	83	4		36	19		0	0	0	0	171	167	6897	6566	34	53	34	64	4.50	-0.42	0.80	25	15	11	0	0.0	0
Boone	69.2	49.5	59.4	0.1	83	4		36	19		0	0	0	0	196	212	7086	7010	28	37	28	45	5.76	1.05	0.88	25	19	13	0	0.0	0
Brooklyn																						3.88	-0.54	0.88	5	13	10	0	0.0	0	
Clutier																						3.88	-0.86	0.72	25	15	10	0	0.0	0	
Des Moines Airport	72.6	55.0	63.8	1.5	85	3		39	19		0	0	0	0	104	146	5912	6185	73	62	80	76	4.33	-0.41	1.25	26	16	10	1	0.0	0
Des Moines Camp Dodge	69.3	52.0	60.7	-0.8	81	27	+	37	19		0	0	0	0	160	163	6603	6435	33	56	35	64	5.16	0.70	1.25	24	16	10	2	0.0	0
Eldora	68.9	49.5	59.2	-0.1	82	4		36	19		0	0	0	0	200	214		7254	31	37	31	43	5.01	0.10	0.98	25	21	12	0	0.0	0
Fort Dodge 5 NNW	67.7	48.3	58.0	-1.6	84	4		36	19		0	0	0	0	227	209	7452	7265	19	42	19	48	6.06	1.30	1.60	17	16	12	2	0.0	0
Gilman																						3.30	-1.27	0.55	27	12	10	0	0.0	0	
Grinnell 3 SW	69.3																														

MAY 2015		MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA																		IOWA CLIMATE REVIEW										
STATION		TEMPERATURE (F)																		PRECIPITATION (inches)										
		NUMBER OF DAYS						HEATING DEGREE DAYS						COOLING DEGREE DAYS						TOTAL			NUMBER OF DAYS			SNOWFALL (inches)				
		Avg	Avg	Dep	Ext	Ext	Max	Max	Min	Min	May	May	14-15	Norm	May	May	2015	Norm	Dep	Ext	Day	0-1st	0-10+	100+	Total	Gnd	Day			
Max	Min	Mean	Norm	Max	Day	Min	Day	90+	32+	32+	0	2015	Norm	Seas	Seas	2015	Norm	Seas	Seas	Total	Norm	Day	0-1st	0-10+	100+	Total	Gnd	Day		
Marshalltown	69.9	50.1	60.0	0.3	81	28	+37	19	+0	0	0	0	0	185	205	7198	7076	37	40	38	46	4.79	0.06	1.19	25	15	11	1	0.0	0
Marshalltown Airport	70.6	51.4	61.0	0.9	81	16	36	1	0	0	0	0	0	161	199	7059	6984	44	46	45	50									
Montezuma 1 W																														
Newton	71.1	50.3	60.7	0.3	82	28	+37	20	+0	0	0	0	0	167	186	6930	6861	42	44	42	51	2.68	-1.96	0.40	25	14	9	0	0.0	0
Perry	70.6	50.1	60.4	0.1	84	28	37	19	0	0	0	0	0	173	193	6804	6894	37	47	38	55	6.16	1.48	1.72	17	17	11	1	0.0	0
Toledo 3 N	69.6	49.7	59.7	0.7	82	17	+37	19	0	0	0	0	0	188	221	7365	7088	31	35	31	40	3.46	-1.22	0.66	15	12	9	0	0.0	0
Webster City	68.5	48.0	58.3	-1.1	82	4	36	19	0	0	0	0	0	221	210	7491	7254	20	37	20	42	5.61	0.99	1.30	4	17	14	1	0.0	0
Zearing																														
EAST CENTRAL DIVISION																														
Anamosa 3 SSW	69.6	49.9	59.8	1.3	81	17	35	1	0	0	0	0	0	192	233	7177	7141	36	32	36	38	5.56	1.26	1.26	5	17	8	2	0.0	0
Belle Plaine	70.5	50.8	60.7	1.1	82	4	32	1	0	0	1	0	0	169	205	7079	7014	41	38	41	44	3.33	-0.88	0.73	26	14	8	0	0.0	0
Bellevue Lock & Dam 12	71.5	51.0	61.3	1.7	83	18	+34	2	+0	0	0	0	0	161	207	7175	6813	56	41	56	48	6.97	3.08	1.78	25	17	13	2	0.0	0
Cedar Rapids Airport	71.4	51.8	61.6	1.5	82	3	35	21	0	0	0	0	0	153	192	7028	6837	55	42	55	49									
Cedar Rapids #1	73.3	52.3	62.8	0.9	82	16	+36	21	+0	0	0	0	0	123	154	6595	6283	66	58	67	72	4.40	-0.36	0.83	5	15	12	0	0.0	0
Clinton #1	74.1	53.7	63.9	1.7	84	16	+36	1	0	0	0	0	0	109	150	6490	6184	85	64	85	78	5.39	1.46	1.59	5	15	11	2	0.0	0
Coggon	69.3	49.9	59.6		81	29	+33	1	0	0	0	0	0	203	7631			42	42			4.80	0.76	2.7	+16	16	10	0	0.0	0
Davenport Airport	73.3	52.9	63.1	2.3	84	28	+36	13	+0	0	0	0	0	131	183	6922	6487	79	55	80	61	5.32	1.12	2.6	14	11	2	T	0	0
De Witt																														
Iowa City	72.6	51.4	62.0	-0.8	83	29	+33	2	0	0	0	0	0	150	134	7004	6036	65	68	65	82	6.08	1.51	3.10	5	15	10	2	0.0	0
Iowa City Airport	72.5	52.7	62.6	1.2	82	16	+36	21	+0	0	0	0	0	128	168	6721	6362	63	57	63	61									
Le Claire L & D 14	72.7	53.5	63.1	1.1	85	17	41	22	+0	0	0	0	0	133	154	6620	6195	82	61	82	69	4.20	0.14	0.89	5	17	10	0	0.0	0
Lowden	72.6	50.7	61.7	1.1	84	16	31	1	0	0	1	0	0	152	179	7165	6859	59	41	59	41	6.84	2.67	2.22	4	14	10	1	T	0
Maquoketa 4 W	70.8	50.3	60.6	2.0	83	29	+33	1	0	0	0	0	0	179	233	7507	7229	50	33	50	38	6.16	2.12	2.11	5	12	8	2	0.0	0
Monticello																														
Muscatine	73.9	52.2	63.1	-0.2	85	8	+37	2	+0	0	0	0	0	134	131	6725	5916	81	77	82	95	8.11	3.43	2.94	5	17	12	2	0.0	0
Muscatine 2 N	72.7	52.8	62.8		83	29	+39	22	+0	0	0	0	0	137		5337		73	73			5.86	2.17	2.25	16	16	9	2	0.0	0
Swisher																														
Vinton	69.8	50.6	60.2	-0.6	82	4	36	1	0	0	0	0	0	178	177	7298	6676	36	47	36	56	4.96	0.28	1.09	27	16	12	1	0.0	0
Williamsburg 1 E	71.2	49.9	60.6	0.7	83	4	34	1	0	0	0	0	0	176	198	7236	6863	45	42	45	49	6.19	1.52	1.90	5	16	12	1	0.0	0
SOUTHWEST DIVISION																														
Atlantic 1 NE	69.5	48.9	59.2	-1.3	83	28	35	21	+0	0	0	0	0	191	187		6746	21	47	22	58	6.49	1.60	1.20	17	+21	14	2	0.0	0
Bedford	69.2	50.2	59.7	-1.5	82	4	35	12	0	0	0	0	0	179	166	6445	6343	21	50	21	60	7.39	2.24	2.00	17	19	14	2	0.0	0
Clarinda	70.4	50.2	60.3	-0.2	84	4	36	13	0	0	0	0	0	172	184	6349	6580	34	45	36	54	7.50	2.15	2.09	17	21	13	2	0.0	0
Corning																														
Glenwood	69.7	48.7	59.2	-2.2	82	28	35	22	+0	0	0	0	0	191	144	6404	6371	22	32	25	32	4.86	-0.31	0.95	7	17	14	0	0.0	0
Greenfield	68.9	51.0	60.0	-2.1	81	28	+36	20	+0	0	0	0	0	173	149	6607	6135	26	58	27	72	8.71	3.99	2.65	17	20	13	2	0.0	0
Hastings 4 NE																														
Oakland	69.3	49.7	59.5	-1.6	82	28	36	20	0	0	0	0	0	182	173	6540	6561	20	54	22	64	5.01	0.18	0.97	14	17	14	0	0.0	0
Randolph																														
Red Oak	70.3	50.9	60.6	-1.5	83	28	37	21	+0	0	0	0	0	160	154	6243	6290	32	64	35	78	6.77	1.13	1.08	17	22	15	1	0.0	0
Shenandoah	70.4	52.2	61.3	-1.6	83	28	+38	21	+0	0	0	0	0	143	139	6091	6062	34	74	36	91	6.75	0.99	1.35	16	19	15	1	0.0	0
Sidney 1 SSE	70.0	50.2	60.1	-2.1	83	28	+37	19	0	0	0	0	0	173	149	6254	6084	27	64	29	79	5.21	0.00	0.65	16	17	13	0	0.0	0
Underwood																														
SOUTH CENTRAL DIVISION																														
Albia 3 NNE	70.5	51.3	60.9	0.3	81	4	37	1	0	0	0	0	0	160	179	6506	6350	41	45	41	54	3.59	-1.16	0.62	24	14	10	0	0.0	0
Allerton	69.7	51.3	60.5	-0.1	81	4	38	20	+0	0	0	0	0	162	183	6463	6365	29	46	29	49	6.25	0.76	0.95	26	19	15	0	0.0	0
Beaconsfield	68.8	50.3	59.6	-0.7	81	26	+37	20	+0	0	0	0	0	183	187	6591	6477	23	39	23	45	6.49	1.38	1.93	17	17	14	2	0.0	0

MAY 2015				DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW							
STATION	TIME	OBS		1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:	15:	16:	17:	18:	19:	20:	21:	22:	23:	24:	25:	26:	27:	28:	29:	30:	31:	Avg
NORTHWEST DIVISION																																			
Cherokee	8 MAX	76	68	76	85	70	75	74	71	57	70	68	47	65	73	62	71	79	73	45	54	54	75	75	69	65	79	62	84	80	74	65	69.1		
	MIN	36	42	42	52	52	54	60	50	38	39	41	37	39	48	52	56	61	39	36	37	37	40	43	58	59	59	49	52	56	48	43	46.9		
Emmetsburg	8 MAX	73	69	80	88	72	66	77	75	62	70	64	49	65	74	60	68	81	73	44	54	54	76	76	73	64	79	61	86	82	74	64	69.5		
	MIN	46	45	52	51	54	57	61	47	38	38	43	39	39	50	50	58	62	39	34	39	42	44	55	58	58	59	54	58	62	48	47	49.3		
Estherville Airport	24 MAX	70	79	86	70	59	76	71	61	70	62	55	62	72	60	64	79	72	45	52	53	74	74	72	61	77	64	83	80	71	61	63	67.7		
	MIN	40	40	49	47	48	56	55	43	36	55	41	38	44	49	49	57	45	35	33	43	41	42	52	57	59	56	52	54	51	46	44	47.0		
Estherville 4 E	7 MAX	71	70	80	87	71	59	76	71	61	70	61	47	62	72	60	64	64	79	73	44	52	54	74	74	72	61	77	61	85	80	73	61	67.8	
	MIN	41	41	48	46	49	51	59	45	36	37	41	38	39	49	49	51	61	37	33	37	40	43	52	56	57	56	52	55	63	46	44	46.8		
Hawarden	7 MAX	77	72	79	85	74	74	73	70	61	68	73	46	67	74	64	67	81	73	50	54	56	76	76	69	64	80	67	88	81	71	64	70.1		
	MIN	37	43	46	49	49	58	58	49	36	37	39	36	38	50	51	56	59	38	36	37	39	42	43	55	58	56	50	50	52	46	41	46.3		
Le Mars	7 MAX	76	68	78	87	72	76	73	72	63	69	72	46	68	76	67	71	82	74	51	54	53	75	75	68	64	80	66	85	80	71	66	70.3		
	MIN	38	42	50	50	50	56	59	50	36	40	40	36	41	49	52	57	59	38	36	37	39	46	51	58	59	58	51	56	60	47	41	47.8		
Pocahontas	8 MAX	74	67	76	85	68	68	75	77	62	73	64	47	66	74	60	70	81	72	44	53	53	75	75	72	63	78	64	84	81	77	65	69.1		
	MIN	43	45	51	51	51	54	60	50	40	46	42	38	41	50	51	56	62	40	35	38	40	43	55	57	57	59	55	56	62	49	48	49.2		
Primghar	16 MAX	74	77	85	86	71	74	70	69	71	69	66	66	72	73	65	79	77	68	53	53	73	75	73	68	75	77	82	83	76	63	66	71.9		
	MIN	49	49	54	51	52	60	59	47	36	57	39	36	47	51	54	58	58	37	35	43	39	47	55	55	59	57	53	61	60	46	45	50.0		
Rock Rapids	8 MAX	77	75	80	86	73	69	74	71	58	67	68	45	66	74	62	65	79	70	43	54	58	76	76	70	62	74	64	85	83	68	63	68.9		
	MIN	37	43	43	48	43	56	56	48	35	41	40	36	38	49	51	53	60	37	36	36	41	42	50	55	58	55	51	53	60	45	42	46.4		
Sanborn	8 MAX	74	71	78	85	71	65	73	70	59	70	65	44	63	73	60	66	78	72	41	53	54	74	74	70	63	76	60	83	80	71	63	67.7		
	MIN	36	43	50	49	50	51	59	46	35	36	39	33	37	48	50	54	60	36	34	35	38	41	52	56	57	55	51	54	63	45	43	46.3		
Sheldon	7 MAX	75	71	78	85	71	68	74	70	60	69	65	45	65	72	60	66	78	70	42	54	56	73	73	68	63	76	61	83	79	69	63	67.8		
	MIN	35	45	46	48	50	54	58	47	34	35	39	35	37	48	50	54	59	36	35	36	36	37	42	55	57	56	49	52	58	45	38	45.4		
Sibley	7 MAX	76	73	79	85	71	64	74	68	59	68	62	44	63	73	61	63	79	70	43	53	56	75	75	71	61	76	61	84	82	65	65	67.7		
	MIN	39	43	47	48	48	53	58	45	33	33	38	34	34	44	49	52	60	35	34	33	38	38	41	55	57	54	50	51	56	43	41	44.6		
Sioux Center 2 SE	16 MAX	77	79	85	87	72	74	71	70	66	71	66	65	76	76	66	78	79	69	52	53	76	78	75	69	77	78	85	87	78	62	68	73.1		
	MIN	50	41	53	48	51	61	59	48	35	57	39	35	47	51	54	58	59	37	35	43	40	42	54	58	58	56	51	57	59	45	41	49.1		
Sioux Rapids 4 E	22 MAX	72	77	86	70	65	73	71	59	69	64	61	64	74	61	68	79	71	52	52	51	74	73	71	63	76	68	82	81	73	62	67	68.7		
	MIN	49	45	50	48	52	59	58	48	37	61	40	36	45	50	52	60	52	37	34	43	38	41	55	57	58	58	50	58	50	47	46	48.8		
Spencer Airport	24 MAX	71	80	87	71	63	75	72	62	71	67	51	66	75	62	68	81	75	45	55	55	76	76	73	64	79	63	86	81	75	65	66	69.5		
	MIN	49	41	50	49	51	61	55	45	37	51	42	36	47	50	49	60	45	37	36	44	41	40	55	59	61	57	50	55	52	47	41	48.2		
Spencer 1 N	24 MAX	69	78	86	70	62	74	71	60	70	65	55	64	73	60	67	79	73	45	53	54	75	75	74	64	78	62	85	82	74	63	66	68.6		
	MIN	49	40	49	49	50	58	55	45	36	55	40	36	46	50	49	59	46	36	35	43	41	42	54	58	59	57	52	53	50	47	42	47.8		
Spirit Lake 4 W	24 MAX	70	78	86	70	60	74	70	60	69	64	56	64	71	61	64	77	71	45	53	57	76	74	70	62	76	64	86	79	71	61	63	67.8		
	MIN	50	49	54	47	53	57	55	45	34	55	40	37	45	50	50	57	45	36	34	44	42	45	54	58	58	56	52	60	50	46	47	48.5		
Storm Lake	8 MAX	73	66	72	84	67	72	73	71	55	70	65	47	64	72	61	69	77	72	49	53	50	73	73	68	63	77	63	83	77	74	63	67.6		
	MIN	43	46	51	53	51	51	60	51	39	38	43	41	37	45	51	55	59	39	38	35	42	41	48	55	57	58	56	53	60	51	49	48.3		
Washta	7 MAX	75	68	76	85	69	76	73	73	57	69	69	48	65	73	64	71	79	73	49	53	51	74	75	67	65	79	65	83	79	76	66	69.2		
	MIN	32	40	40	49	50	52	60	50	39	39	42	37	37	46	51	55	60	41	36	36	38	38	40	52	58	59	51	53	51	48	42	45.9		

MAY 2015		OBS	DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW							
STATION	TIME		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00	Avg
NORTH CENTRAL DIVISION																																		
Algona 3 W	6 MAX	71	66	75	86	70	60	76	76	62	70	62	48	63	72	58	68	80	70	44	53	52	74	73	74	64	76	62	83	83	73	62	67.9	
	MIN	41	42	47	50	49	55	59	49	39	38	43	39	39	43	49	54	61	39	35	35	40	41	48	55	57	58	55	58	49	47	47.4		
Allison	7 MAX	68	69	77	85	68	59	78	78	62	71	63	50	61	69	58	72	80	76	48	55	48	74	75	76	66	80	67	82	81	78	60	68.8	
	MIN	42	42	52	57	56	54	56	58	47	47	48	41	41	42	50	56	62	43	38	38	40	41	47	56	57	59	56	56	63	53	47	49.8	
Britt	7 MAX	68	63	76	86	68	58	75	77	62	70	61	47	60	70	57	69	79	72	45	52	50	72	73	73	63	76	62	83	81	72	61	67.1	
	MIN	44	47	50	50	52	53	57	49	40	40	43	39	41	46	46	53	61	39	35	33	37	44	50	56	57	58	54	56	62	50	46	48.0	
Charles City	22 MAX	64	76	82	68	68	75	76	65	67	62	59	58	68	58	69	79	74	65	53	48	73	74	76	66	77	68	81	80	76	64	64	68.8	
	MIN	38	45	54	55	51	54	61	54	47	55	44	40	42	49	55	59	63	40	37	44	40	39	53	57	62	57	56	57	62	52	44	50.5	
Clarion	7 MAX	70	65	76	85	68	62	76	78	64	72	63	48	63	71	58	71	80	72	46	55	52	75	73	75	65	79	68	84	81	74	61	68.7	
	MIN	42	46	50	52	54	54	59	53	43	43	43	40	41	45	49	55	62	40	36	37	38	41	49	58	58	59	54	55	62	52	46	48.9	
Dakota City	8 MAX	71	65	75	84	68	63	75	78	65	72	63	48	64	70	59	70	80	73	44	53	52	76	73	72	63	78	67	83	80	75	64	68.5	
	MIN	43	44	54	52	53	54	62	50	41	43	43	39	41	49	50	57	62	40	36	38	40	43	55	57	58	59	55	58	63	50	49	49.6	
Forest City 2 NNE	7 MAX	66	62	77	85	69	56	73	76	61	70	62	47	60	69	57	68	78	71	45	52	51	71	72	74	63	76	62	82	80	71	61	66.7	
	MIN	38	45	46	51	51	53	55	50	39	40	43	38	39	44	47	53	61	39	34	34	41	41	46	51	57	58	53	56	59	49	44	46.9	
Hampton	7 MAX	71	66	75	83	69	58	76	77	63	72	62	49	64	70	59	72	80	75	47	56	50	76	75	75	65	79	68	83	82	75	60	68.8	
	MIN	44	45	45	54	55	55	58	55	45	45	46	41	40	43	49	56	62	42	36	38	41	43	48	58	58	60	55	57	63	52	43	49.4	
Mason City	7 MAX	67	62	77	83	68	56	75	75	62	69	61	49	60	68	58	69	79	74	74	46	54	52	73	74	75	63	77	65	81	80	75	58	67.3
	MIN	42	42	47	52	52	51	55	53	43	44	46	39	40	44	48	54	60	42	36	36	42	40	43	54	57	58	54	55	62	51	44	47.9	
Mason City Airport	24 MAX	63	78	86	71	57	76	77	64	71	63	60	61	70	59	70	81	75	51	55	53	75	75	77	64	78	66	82	82	74	59	67	69.0	
	MIN	36	41	54	52	53	55	62	45	42	56	42	40	43	49	54	59	51	37	36	46	42	40	54	59	62	57	54	56	57	45	41	49.0	
Northwood	7 MAX	66	61	77	83	67	53	72	73	58	66	62	48	59	67	56	65	76	70	43	51	52	71	75	75	61	75	62	80	79	71	58	65.5	
	MIN	36	39	46	50	50	51	53	49	41	42	46	39	39	41	47	52	59	39	34	35	40	40	46	53	56	57	53	55	63	49	42	46.5	
Osage	7 MAX	66	64	76	83	68	54	74	75	58	69	64	49	57	68	57	69	79	73	46	52	51	72	75	76	61	76	64	81	81	73	58	66.7	
	MIN	43	45	50	53	54	51	54	53	45	46	47	40	39	42	49	55	60	41	36	38	41	45	45	49	57	60	55	56	62	51	43	48.5	
Swea City 4 W	7 MAX	71	68	79	86	68	59	76	76	61	71	61	48	62	71	58	64	79	71	45	52	52	75	73	74	61	77	61	85	80	72	61	67.6	
	MIN	40	42	43	49	49	50	58	47	37	37	43	39	40	45	49	52	60	38	33	36	40	43	46	54	57	57	51	54	62	47	47	46.6	
NORTHEAST DIVISION																																		
Cascade	7 MAX	64	68	76	75	74	59	81	81	68	70	64	58	59	65	63	74	82	78	56	58	47	72	75	77	66	78	72	78	82	79	79	65	69.8
	MIN	34	35	52	56	54	53	53	59	53	53	53	43	36	40	47	60	62	50	40	41	38	41	46	48	56	63	58	58	59	64	42	49.9	
Cresco 1 NE	7 MAX	66	65	78	84	74	54	78	79	63	69	65	50	59	69	57	72	81	76	48	55	53	75	76	79	63	78	64	82	83	77	61	68.8	
	MIN	36	47	55	54	52	51	53	56	52	54	50	40	34	42	47	57	60	44	37	37	40	39	45	58	57	56	58	63	53	41	49.2		
Decorah	16 MAX	68	76	83	83	69	77	79	78	66	65	61	56	65	65	72	79	79	76	55	53	73	74	78	78	78	77	78	81	81	78	65	72.5	
	MIN	32	45	57	55	52	53	63	58	53	54	48	41	35	48	55	56	67	44	39	42	35	38	47	56	59	58	54	63	54	43	50.4		
Dubuque Lock & Dam 11	6 MAX	63	67	78	75	74	58	82	83	70	70	61	63	58	66	64	72	80	79	61	57	56	73	72	77	67	79	76	78	83	77	66	70.5	
	MIN	42	42	54	56	52	52	53	62	57	53	52	44	42	41	46	59	59	58	41	42	39	41	39	57	56	63	59	59	60	63	44	51.2	
Dubuque Airport	24 MAX	66	76	72	74	59	79	81	69	69	61	63	57	64	63	73	80	78	63	56	46	70	74	76	67	77	71	77	80	77	66	64	69.3	
	MIN	35	51	53	56	52	52	60	58	52	51	45	38	36	45	58	62	61	41	41	41	39	41	54	58	63	59	58	57	63	48	41	50.6	
Elkader 6 SSW	7 MAX	63	66	77	80	71	55	78	79	63	67	63	54	57	65	61	73	79	77	52	55	47	73	74	78	66	79	69	78	81	79	60	68.4	
	MIN	31	35	45	55	51	51	53	58	53	54	53	41	33	39	48	58	60	47	38	40	37	35	41	48	56	56	55	52	56	59	40	47.7	

MAY 2015		OBS TIME	DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW											
STATION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avg				
Fayette	7	MAX	65	65	74	81	72	55	79	76	63	67	62	51	58	67	59	74	80	78	53	56	46	74	75	78	65	79	66	80	80	80	60	68.3				
		MIN	38	43	52	52	52	51	54	58	53	54	51	40	39	42	48	58	61	46	38	38	39	41	46	53	56	57	57	57	60	56	42	49.4				
Guttenberg L & D 10	24	MAX	67	78	78	71	65	79	81	66	68	64	63	56	63	64	74	78	80	71	57	52	75	74	79	64	80	73	80	80	81	70	67	70.9				
		MIN	40	51	59	57	52	52	64	60	55	56	47	43	42	48	57	61	68	44	44	44	41	44	52	58	63	61	60	59	63	56	46	53.1				
Manchester #2	7	MAX	63	67	76	78	71	58	80	80	65	69	63	54	58	66	62	74	80	78	53	56	46	73	74	76	66	78	71	80	82	80	61	69.0				
		MIN	32	38	48	57	52	53	55	58	53	52	53	42	37	40	49	59	63	48	39	41	38	38	48	56	57	60	58	43	49.7							
New Hampton	8	MAX	64	63	76	83	67	54	77	77	62	68	62	48	56	67	56	70	79	75	46	53	47	72	73	77	61	76	64	79	80	78	59	66.7				
		MIN	38	40	48	54	52	50	53	54	51	51	48	39	39	42	48	56	60	43	36	37	36	40	45	55	56	58	56	52	43	48.2						
Oelwein 1 E	7	MAX	65	66	78	82	71	57	80	78	63	67	61	50	59	67	59	73	80	74	53	55	46	73	72	77	65	77	66	79	81	80	60	68.2				
		MIN	38	41	52	55	55	51	54	57	52	53	49	40	39	40	49	57	62	44	37	38	37	43	47	57	57	59	56	57	59	54	42	49.4				
Postville	7	MAX	65	65	77	82	72	54	77	77	63	67	61	54	57	64	60	73	78	74	51	55	49	75	75	78	68	78	69	79	80	80	59	68.3				
		MIN	38	44	48	52	50	50	52	59	53	54	54	40	35	40	46	58	60	43	38	39	40	42	49	53	58	58	57	58	63	57	41	49.3				
Stanley 4 W	7	MAX	64	64	78	81	70	56	80	77	63	67	62	51	58	66	59	73	88	76	52	55	46	73	76	78	65	79	67	80	82	81	60	68.6				
		MIN	32	40	54	55	56	50	54	57	53	53	51	41	39	42	48	57	62	45	38	39	38	39	48	56	57	59	57	55	63	56	43	49.6				
Tripoli	7	MAX	67	68	78	84	69	56	80	79	65	71	62	50	61	68	58	74	81	78	50	57	47	76	75	78	65	80	67	82	82	80	60	69.3				
		MIN	41	44	52	56	55	52	55	58	52	53	49	41	41	43	49	58	62	44	38	39	39	43	48	55	57	59	57	58	61	55	45	50.3				
Waterloo Airport	24	MAX	67	76	81	70	62	80	79	66	70	63	63	62	68	59	74	82	77	58	57	48	76	75	76	68	79	68	80	82	81	66	68	70.4				
		MIN	34	49	56	58	55	56	63	56	53	56	45	42	39	50	58	63	58	40	39	42	38	39	53	58	62	60	57	57	62	49	44	51.3				
WEST CENTRAL DIVISION																																						
Audubon	8	MAX	72	57	66	80	68	75	74	75	62	71	70	48	65	71	61	72	78	74	53	52	48	72	72	66	66	76	69	82	73	74	64	67.9				
		MIN	42	47	54	55	55	59	59	50	44	44	41	38	38	50	48	53	58	42	35	36	37	46	51	56	58	58	53	53	60	50	47	48.9				
Battle Creek 3 NE	8	MAX	74	63	74	86	68	75	73	75	56	71	69	46	66	74	63	71	80	75	50	54	49	74	74	68	65	79	67	84	78	77	68	69.2				
		MIN	35	47	47	51	52	52	59	50	39	46	41	37	40	49	51	57	59	40	36	37	36	43	46	58	58	59	51	53	63	50	44	47.9				
Carroll	7	MAX	73	60	70	84	66	76	76	77	62	72	67	48	66	74	62	73	80	75	50	53	48	74	74	68	67	79	69	83	76	76	64	69.1				
		MIN	41	50	51	55	54	55	60	51	42	42	42	39	39	45	49	52	60	41	35	37	38	42	51	55	58	58	54	55	58	50	45	48.5				
Castana Exp. Farm	7	MAX	74	60	72	85	69	74	70	75	57	71	69	46	65	72	65	67	78	73	54	53	49	73	72	65	64	78	66	83	77	76	66	68.3				
		MIN	50	48	50	54	53	53	58	50	40	41	41	37	40	46	52	55	58	40	35	36	40	43	53	53	58	58	53	56	58	47	45	48.4				
Denison	7	MAX	75	57	69	84	67	73	71	75	59	69	70	47	67	70	61	70	78	71	49	52	46	70	74	65	63	79	66	83	73	74	62	67.4				
		MIN	36	48	50	52	52	52	58	49	40	40	40	37	37	45	50	53	58	39	34	34	38	39	49	54	56	57	52	53	60	49	47	47.0				
Guthrie Center	8	MAX	72	66	67	83	69	77	76	78	67	73	70	50	67	74	62	73	81	76	54	54	49	74	75	68	70	79	71	84	76	75	63	70.1				
		MIN	34	50	55	57	57	58	62	52	47	47	42	40	39	50	48	59	59	43	36	39	36	49	53	58	58	59	53	54	61	51	45	50.0				
Harlan 1 ESE	18	MAX	75	71	83	80	75	75	75	72	71	71	68	67	72	69	68	79	75	73	55	54	72	72	66	68	78	78	82	82	75	75	66	72.3				
		MIN	48	50	59	57	57	60	60	54	47	60	42	38	50	52	52	64	59	45	37	46	37	45	54	59	60	59	52	55	64	52	48	52.3				
Holstein	22	MAX	64	74	84	67	74	72	71	56	69	67	55	63	72	62	69	79	72	52	52	48	73	73	66	64	78	65	82	78	75	63	65	67.9				
		MIN	50	48	56	49	50	58	56	49	37	55	40	35	43	50	54	58	52	38	34	41	39	46	54	57	58	57	51	58	50	47	48.9					
Jefferson 2 NW	7	MAX	75	64	72	85	71	75	76	79	66	72	68	49	66	73	60	72	81	74	50	54	49	75	75	70	67	79	65	82	77	75	65	69.7				
		MIN	40	44	48	57	56	57	61	52	45	45	44	40	40	46	51	51	60	42	36	36	40	40	46	56	58	59	55	56	59	51	49	49.0				
Little Sioux 2 NW	7	MAX	78	64	79	89	68	78	75	78	57	70	74	51	67	72	70	69	82	78	59	56	50	74	72	67	68	84	68	85	74	81	68	71.1				
		MIN	40	51	52	54	54	55	61	51	45	43	43	34	35	49	53	58	58	43	35	35	39	39	44	52	59	60	50	59	48	43	48.1					
Logan	7	MAX	75	62	73	83	66	76	72	77	61	72	71	50	69	74	67	70	80	76	57	54	50	74	71	65	67	79	70	83	74	77	68	69.8				
		MIN	40	47	57	56	56	57	60	52	45	46	43	36	43	52	52	56	60	44	38	38	37	42	51	59	60	59	50	55	63	50	47	50.0				

MAY 2015		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW								
STATION	OBS	TIME	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	Avg	
Mapleton #2	7	MAX	74	62	73	86	67	76	71	75	56	70	68	46	67	73	64	67	80	73	53	52	49	72	72	66	64	78	65	83	77	76	66	68.4
		MIN	35	45	49	51	51	53	58	50	40	40	41	37	40	48	51	53	58	40	36	36	38	42	46	55	57	58	51	54	62	48	43	47.3
Rockwell City	7	MAX	73	65	74	84	66	74	75	77	62	71	64	47	65	72	62	72	81	75	47	54	51	75	74	70	64	78	68	82	78	76	64	69.0
		MIN	42	43	48	52	53	54	60	52	41	42	42	38	38	45	51	59	62	43	37	38	41	43	50	57	59	59	56	57	61	51	50	49.2
Sac City	7	MAX	72	62	72	83	64	74	74	75	60	70	64	46	64	72	61	69	79	71	44	52	49	73	72	68	63	77	66	82	77	74	64	67.5
		MIN	39	43	43	51	51	52	59	51	40	40	41	37	38	44	50	54	59	40	34	34	39	40	47	57	57	58	53	53	56	49	48	47.0
Sioux City Airport	24	MAX	66	79	87	71	77	74	75	63	68	73	49	69	76	69	71	81	75	58	54	51	76	74	66	67	80	68	85	78	79	68	70	70.9
		MIN	51	46	56	55	54	62	53	50	41	45	43	39	50	53	57	62	49	40	39	41	40	42	55	60	58	54	50	56	52	50	42	49.8
CENTRAL DIVISION																																		
Ames Airport	24	MAX	69	70	82	68	76	76	77	68	73	69	58	66	70	61	73	80	75	56	57	50	76	77	73	70	79	71	81	78	76	63	68	70.5
		MIN	39	47	56	59	60	61	64	53	48	58	45	41	44	52	55	61	56	42	37	41	39	42	51	59	59	57	56	57	59	54	45	51.5
Ames 8 WSW	16	MAX	68	70	81	81	71	75	75	75	71	71	65	63	69	69	70	79	79	73	54	54	73	74	73	71	77	76	79	80	73	74	67	71.9
		MIN	42	50	55	56	57	61	62	54	45	59	43	39	44	51	55	62	60	42	36	44	39	47	56	58	62	60	54	59	61	53	47	52.0
Ames 5 SE	6	MAX	70	67	69	81	68	76	75	77	66	72	68	49	64	69	60	72	79	74	50	56	49	74	75	72	72	79	71	80	77	75	61	69.3
		MIN	40	39	51	56	58	59	61	55	49	48	44	40	40	44	51	56	61	43	36	37	39	39	44	52	58	57	56	56	60	54	46	49.3
Ankeny	7	MAX	70	68	69	83	69	77	76	78	67	72	69	50	65	70	60	74	80	76	52	57	49	74	75	72	70	79	69	82	76	75	60	69.8
		MIN	40	42	55	59	60	59	63	54	50	51	44	41	41	47	52	57	60	44	36	39	39	45	50	58	58	56	57	62	54	46	50.9	
Boone	8	MAX	71	69	71	83	68	74	76	76	67	72	66	49	66	71	59	73	80	74	49	55	48	74	74	69	68	78	70	81	78	74	61	69.2
		MIN	40	46	47	56	56	59	62	53	45	47	43	39	42	49	51	57	62	42	36	40	37	40	49	57	58	57	53	55	61	52	44	49.5
Des Moines Airport	24	MAX	71	68	85	71	80	79	80	70	75	73	59	69	73	62	76	82	78	63	59	53	77	78	76	72	81	71	82	78	76	64	71	72.6
		MIN	47	56	60	61	62	65	67	56	53	59	47	43	49	54	57	62	63	43	39	44	41	50	57	60	63	62	57	62	61	56	50	55.0
Des Moines Camp Dodge	24	MAX	67	66	81	67	76	76	77	68	71	67	56	66	70	60	72	80	75	56	56	50	74	73	70	69	78	69	81	76	74	61	66	69.3
		MIN	47	55	58	58	59	61	61	53	49	56	43	40	46	51	53	62	56	40	37	42	38	47	53	58	58	55	59	58	53	48	52.0	
Eldora	7	MAX	68	67	72	82	69	62	78	77	67	71	63	49	63	69	58	72	81	75	48	55	47	75	75	75	68	79	70	81	80	80	59	68.9
		MIN	43	43	51	55	56	57	59	56	48	48	45	40	41	44	49	57	61	42	36	38	38	43	48	55	56	56	55	57	61	53	45	49.5
Fort Dodge 5 NNW	7	MAX	71	66	75	84	67	66	73	77	65	71	63	47	64	69	59	70	78	73	44	52	50	74	72	72	63	77	65	81	76	73	63	67.7
		MIN	41	44	46	52	52	53	61	52	42	42	43	39	39	44	50	55	62	41	36	37	40	42	45	56	58	56	54	56	59	51	49	48.3
Grinnell 3 SW	7	MAX	68	66	70	80	69	76	76	77	68	69	65	51	65	68	61	71	80	75	54	58	48	74	75	75	71	77	70	79	77	75	60	69.3
		MIN	35	38	53	55	58	58	58	58	49	51	47	42	41	43	51	59	61	47	38	39	36	36	39	52	59	60	58	55	59	57	44	49.5
Grundy Center	8	MAX	69	68	74	82	68	63	78	78	65	70	63	50	63	68	59	73	81	76	49	56	56	74	74	75	68	79	70	81	80	79	59	69.3
		MIN	39	45	54	55	58	56	59	57	51	52	47	41	41	46	49	58	62	43	37	37	37	41	48	57	59	57	59	62	55	46	50.5	
Iowa Falls	7	MAX	69	67	73	81	68	60	75	76	65	72	61	48	63	68	59	71	79	74	47	55	49	75	74	73	67	77	68	81	79	74	59	68.0
		MIN	39	40	54	55	55	56	59	55	46	46	45	40	41	45	49	56	61	42	36	38	39	40	44	53	58	58	55	55	58	52	45	48.9
Marshalltown	7	MAX	69	68	70	81	68	74	79	78	68	72	65	51	64	69	60	74	81	76	51	56	48	75	76	75	70	79	71	81	80	77	60	69.9
		MIN	37	39	51	55	58	59	62	57	49	52	48	42	42	45	50	58	62	45	37	39	40	41	43	53	58	59	57	56	61	55	44	50.1
Marshalltown Airport	24	MAX	67	72	80	68	74	79	79	68	71	65	64	64	69	61	73	81	76	58	57	49	75	75	75	70	79	71	79	80	78	63	68	70.6
		MIN	36	50	55	58	59	61	64	50	50	57	45	42	39	50	57	62	58	40	38	40	37	42	53	58	62	58	57	62	51	46	51.4	
Newton	7	MAX	70	71	70	82	71	80	79	79	68	72	69	51	66	71	61	74	81	77	55	57	48	75	76	76	72	81	72	82	80	77	61	71.1
		MIN	39	39	54	54	58	59	60	57	50	50	46	42	42	43	51	58	60	46	37	37	40	40	49	55	59	60	57	57	58	56	47	50.3
Perry	7	MAX	73	68	69	83	70	78	77	77	69	74	69	51	67	73	61	75	81	75	53	55	49	76	76	71	69	80	71	84	79	76	61	70.6
		MIN	39	45	54	57	58	59	62	54	48	47	44	41	41	47	52	52	61	43	37	38	39	41	46	57	59	59	55	58	61	53	46	50.1

MAY 2015		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW										
STATION	OBS TIME			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg		
Toledo 3 N	7	MAX	68	68	73	82	70	72	79	79	66	71	63	51	63	68	60	74	82	77	53	56	47	74	75	75	70	78	71	80	79	73	60	69.6		
		MIN	38	41	49	55	57	57	59	57	49	53	49	42	41	41	50	57	62	44	37	39	39	42	42	54	57	59	56	60	56	44	49.7			
Webster City	7	MAX	70	65	72	82	66	67	76	76	66	73	64	48	65	70	58	70	79	73	47	54	54	75	74	72	64	77	70	81	79	73	63	68.5		
		MIN	38	41	46	54	54	55	60	54	43	45	43	39	40	44	49	57	60	41	36	38	38	40	42	55	59	56	53	56	57	52	44	48.0		
EAST CENTRAL DIVISION																																				
Anamosa 3 SSW	7	MAX	65	66	74	76	74	62	79	80	67	72	63	58	60	65	62	76	81	77	56	59	47	72	75	76	67	78	71	78	79	79	63	69.6		
		MIN	35	36	52	57	58	54	54	58	50	53	55	44	37	37	48	59	64	51	39	39	38	39	42	56	57	62	58	55	55	63	42	49.9		
Belle Plaine	7	MAX	68	69	74	82	71	74	80	78	67	71	64	52	64	67	61	74	81	78	55	61	49	76	75	75	71	78	72	80	78	78	62	70.5		
		MIN	32	43	53	58	59	58	58	59	50	54	50	43	40	44	50	60	62	48	38	40	33	38	50	57	60	60	56	55	61	59	46	50.8		
Bellevue Lock & Dam 12	6	MAX	63	69	79	70	77	60	82	83	72	71	63	65	58	65	66	75	80	83	63	61	48	73	74	82	68	80	75	81	80	80	71	71.5		
		MIN	34	34	49	57	54	53	54	61	56	55	54	46	37	38	47	61	60	60	42	43	41	41	43	55	59	65	62	56	55	63	47	51.0		
Cedar Rapids Airport	24	MAX	67	75	82	72	68	81	81	68	72	64	64	63	69	60	76	81	79	64	58	49	73	75	77	72	79	72	79	81	79	65	67	71.4		
		MIN	39	50	57	59	58	56	63	54	49	55	45	44	40	50	58	62	63	42	39	37	35	42	52	58	63	61	56	58	64	51	45	51.8		
Cedar Rapids #1	17	MAX	67	76	78	79	70	82	81	70	72	70	64	61	68	67	76	82	79	77	58	57	73	75	77	75	79	77	80	81	81	74	67	73.3		
		MIN	36	46	57	57	54	55	62	61	50	55	51	44	37	49	57	63	64	48	39	42	36	42	50	58	63	65	58	64	56	44	52.3			
Clinton #1	18	MAX	69	78	74	73	73	83	84	72	73	71	66	60	66	66	77	84	83	79	59	57	71	76	80	77	80	79	79	83	82	77	66	74.1		
		MIN	36	45	56	58	56	54	62	63	55	52	55	46	39	46	56	64	68	57	42	42	40	44	56	59	65	66	62	58	65	54	43	53.7		
Coggon	6	MAX	65	66	75	78	72	59	80	80	65	70	63	55	60	66	61	74	81	77	54	58	47	73	74	76	67	78	70	80	81	80	63	69.3		
		MIN	33	35	52	58	58	54	54	60	50	53	54	43	36	38	48	58	65	49	39	40	37	37	41	55	57	62	57	55	63	63	43	49.9		
Davenport Airport	24	MAX	68	78	83	74	69	83	84	69	74	64	66	62	67	67	77	83	82	69	62	50	73	77	80	75	79	76	79	84	82	68	68	73.3		
		MIN	36	45	59	59	57	55	63	61	53	53	49	44	36	47	59	64	68	45	42	43	41	44	54	58	64	64	61	58	66	50	43	52.9		
Iowa City	7	MAX	65	68	75	82	74	72	83	83	71	75	66	58	68	70	62	77	82	80	59	60	50	75	77	79	74	81	76	80	83	81	66	72.6		
		MIN	35	33	48	58	59	56	57	61	53	54	56	46	38	39	52	61	63	52	41	42	37	40	49	58	59	63	59	57	57	64	47	51.4		
Iowa City Airport	24	MAX	68	76	82	74	71	82	82	70	73	65	66	64	68	61	75	82	79	66	60	51	74	75	78	74	80	74	79	81	80	69	69	72.5		
		MIN	36	48	55	59	61	56	60	57	52	56	49	46	42	51	60	64	62	45	41	38	36	44	53	59	63	62	60	57	64	52	46	52.7		
Le Claire L & D 14	6	MAX	62	69	74	77	76	68	81	82	71	75	67	67	62	67	65	78	85	82	64	61	48	73	76	80	76	80	75	80	82	81	69	72.7		
		MIN	43	43	50	60	58	55	56	63	57	54	54	47	43	43	48	61	65	63	42	43	41	41	50	58	59	65	62	62	66	45	53.5			
Lowden	24	MAX	70	78	77	74	67	81	83	70	74	65	61	61	68	65	77	84	81	68	60	49	74	77	80	72	80	74	81	83	81	69	67	72.6		
		MIN	31	45	56	57	56	54	62	57	49	53	48	40	35	46	56	62	66	43	40	39	37	41	50	57	62	61	59	56	62	49	42	50.7		
Maquoketa 4 W	7	MAX	63	68	78	72	74	61	81	83	69	71	64	62	61	67	65	76	83	81	59	59	46	71	75	79	67	78	73	78	83	81	68	70.8		
		MIN	33	34	49	54	56	53	53	60	51	52	52	44	38	46	47	60	62	53	40	41	37	41	46	54	58	63	60	57	60	64	42	50.3		
Muscatine	6	MAX	65	70	78	85	76	75	84	85	68	74	68	67	64	70	63	78	82	82	63	61	51	73	77	81	78	80	75	81	84	82	70	73.9		
		MIN	37	37	43	57	60	58	58	63	55	54	56	47	43	43	51	59	64	55	42	42	38	42	45	54	59	63	61	60	59	66	46	52.2		
Muscatine 2 N	5	MAX	64	69	75	83	74	73	83	83	68	75	67	67	63	68	63	78	81	80	61	61	49	72	77	79	75	79	74	81	83	80	69	72.7		
		MIN	42	41	49	58	60	57	57	63	53	53	55	48	44	41	51	60	64	61	41	42	39	39	48	55	59	63	60	60	62	66	45	52.8		
Vinton	7	MAX	66	67	75	82	72	64	80	77	65	71	64	52	62	68	60	75	81	77	55	58	47	75	75	76	70	79	71	80	80	79	60	69.8		
		MIN	36	40	53	58	58	56	56	58	55	55	51	43	39	44	52	55	62	46	39	41	37	41	47	54	57	62	56	58	58	58	45	50.6		
Williamsburg 1 E	7	MAX	66	68	73	83	71	77	81	81	67	73	64	53	63	70	60	76	80	78	57	60	49	75	76	79	72	79	73	81	82	78	62	71.2		
		MIN	34	36	49	57	57	57	60	49	49	51	44	39	43	51	51	58	60	49	39	40	36	43	45	52	56	57	61	61	61	43	49.9			
SOUTHWEST DIVISION																																				
Atlantic 1 NE	7	MAX	75	61	68	79	69	76	75	76	64	73	71	50	69	71	63	73	78	75	57	55	50	74	72	66	68	78	73	83	73	74	65	69.5		
		MIN	35	48	55	57	57	58																												

MAY 2015		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW										
STATION	OBS TIME			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Avg		
Bedford	7 MAX	72	71	63	82	71			77	72	77	64	72	73	51	67	71	65	74	79	75	59	52	50	70	68	68	68	77	72	81	74	71	60	69.2	
	MIN	43	47	51	56	58			57	62	56	50	52	43	35	42	50	50	53	56	47	37	39	38	41	50	57	56	58	52	53	61	53	52	50.2	
Clarinda	8 MAX	73	71	68	84	70			79	73	78	63	72	72	53	68	72	68	72	80	77	60	56	52	71	69	68	71	79	72	82	73	74	62	70.4	
	MIN	37	42	54	60	59			60	63	56	49	51	43	37	36	48	50	50	60	48	39	39	39	38	44	56	60	59	55	55	63	53	54	50.2	
Corning	7 MAX	M	M	M	M	69			76	73	75	M	M	72	50	M	70	62	M	78	M	58	53	49	M	M	M	M	77	M	81	M	72	M	M	
	MIN	M	M	M	M	58			59	60	55	M	M	42	39	40	M	50	M	M	45	38	38	37	40	M	M	M	M	53	53	62	M	M	M	M
Glenwood	6 MAX	75	66	72	80	66			77	72	79	61	71	71	50	68	72	66	66	80	78	60	55	51	72	69	65	69	80	71	82	72	77	68	69.7	
	MIN	38	48	57	59	55			59	59	53	48	48	42	35	35	46	51	51	59	48	38	38	35	35	44	56	59	59	51	51	57	49	48	48.7	
Greenfield	8 MAX	73	66	64	81	69			77	74	76	66	71	71	49	67	70	62	74	78	74	56	53	48	71	74	67	69	78	70	81	73	75	60	68.9	
	MIN	44	50	57	57	57			59	61	52	49	51	42	38	43	53	51	57	59	44	36	36	37	44	55	57	60	59	55	58	61	51	48	51.0	
Oakland	7 MAX	74	64	70	80	66			77	74	76	61	71	71	49	67	72	65	68	79	77	59	55	50	72	72	65	67	78	73	82	72	75	66	69.3	
	MIN	47	48	54	56	57			59	59	51	46	50	42	37	38	46	53	54	59	46	37	36	39	39	51	56	58	58	54	55	59	49	48	49.7	
Red Oak	7 MAX	75	67	69	80	68			78	73	77	63	72	73	52	69	71	67	70	79	78	60	56	52	73	70	67	70	79	71	83	75	76	67	70.3	
	MIN	41	50	55	59	59			60	63	55	49	50	44	37	40	52	51	52	60	47	39	39	37	41	46	57	61	59	53	55	64	52	52	50.9	
Shenandoah	8 MAX	75	68	70	83	68			78	73	77	62	72	72	52	69	72	69	68	80	78	61	56	51	72	69	68	70	79	72	83	74	76	66	70.4	
	MIN	45	55	54	57	57			60	62	55	50	53	42	38	45	54	51	58	60	48	39	39	38	46	55	57	60	59	54	62	63	52	51	52.2	
Sidney 1 SSE	7 MAX	76	67	71	83	68			78	71	77	69	74	70	50	68	70	67	68	82	77	60	54	50	70	67	66	68	79	73	83	72	73	69	70.0	
	MIN	46	49	54	56	54			58	61	52	49	49	40	38	39	48	53	54	61	47	37	38	39	39	51	55	59	58	55	55	63	49	49	50.2	
SOUTH CENTRAL DIVISION																																				
Albia 3 NNE	7 MAX	68	70	67	81	77			78	77	79	67	71	70	55	66	67	62	78	77	79	59	57	48	73	74	73	72	78	71	80	76	77	60	70.5	
	MIN	37	44	56	59	58			59	63	60	52	52	48	42	43	45	52	52	59	49	38	39	39	41	50	54	60	60	56	59	60	58	46	51.3	
Allerton	8 MAX	69	71	63	81	75			79	72	76	66	73	72	53	65	69	62	73	78	77	58	56	49	70	74	71	72	77	72	79	75	73	60	69.7	
	MIN	43	43	55	57	56			56	62	59	53	54	46	41	42	45	52	59	60	49	38	38	41	41	50	56	59	60	56	56	60	56	48	51.3	
Beaconsfield	7 MAX	70	70	64	81	72			77	73	76	65	72	71	49	64	69	65	74	76	74	57	55	47	69	69	70	70	81	71	78	73	71	61	68.8	
	MIN	43	43	53	56	58			58	61	57	50	52	44	40	42	45	53	54	59	46	37	37	38	40	51	55	59	59	54	57	59	53	47	50.3	
Centerville	7 MAX	71	71	65	81	79			80	77	78	68	74	75	56	67	71	62	77	79	78	61	58	49	72	75	75	75	78	74	81	78	75	60	71.6	
	MIN	34	35	54	58	57			58	61	59	53	57	48	42	40	45	53	60	60	50	40	39	38	42	44	55	59	61	56	55	57	58	48	50.8	
Chariton 1 E	8 MAX	70	71	64	81	75			78	73	77	67	72	72	53	66	68	62	74	77	77	59	57	48	73	74	74	71	78	71	80	75	73	59	70.0	
	MIN	33	34	54	57	56			57	62	56	46	57	45	40	36	45	53	56	60	48	37	37	39	40	44	55	60	58	54	55	58	56	42	49.4	
Creston 2 SW	7 MAX	70	70	64	80	68			77	72	75	61	71	71	51	65	70	62	72	78	74	56	53	48	70	71	68	68	77	71	81	72	72	60	68.3	
	MIN	42	43	55	58	58			58	61	54	51	51	42	38	40	44	53	53	60	45	36	36	40	40	50	56	60	58	53	55	61	52	47	50.0	
Indianola 4 W	7 MAX	71	70	69	84	71			80	77	78	67	74	73	52	66	73	61	76	82	77	56	57	49	74	77	74	72	80	73	82	77	74	62	71.2	
	MIN	41	50	57	58	59			59	61	56	49	51	46	40	43	49	53	56	61	47	37	40	38	42	52	55	59	59	54	59	60	54	46	51.3	
Knoxville	8 MAX	69	70	67	81	73			79	76	77	67	72	69	53	65	69	61	74	78	76	56	58	48	74	76	75	71	78	72	80	77	74	60	70.2	
	MIN	45	50	57	60	58			61	65	60	51	54	46	41	44	49	52	58	60	47	37	39	39	45	52	57	60	59	56	56	62	57	48	52.4	
Lamoni	7 MAX	73	75	65	85	75			82	74	79	68	75	73	53	63	68	72	64	76	70	79	60	57	49	71	71	72	70	80	74	83	76	72	63	71.2
	MIN	44	47	54	58	59			59	65	59	53	54	45	43	43	49	54	55	60	49	39	38	42	42	52	57	61	60	56	58	63	55	49	52.3	
Lamoni Airport	24 MAX	72	65	83	75	79			74	78	69	75	74	56	69	71	65	75	79	79	63	59	53	73	71	72	73	81	76	84	76	74	67	71	72.0	
	MIN	47	54	57	62	59			65	64	54	52	56	45	43	47	55	54	65	62	43	39	47	43	50	57	61	62	61	58	64	65	58	50	54.8	

MAY 2015		DAILY MAXIMUM AND MINIMUM AIR TEMPERATURES FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								IOWA CLIMATE REVIEW									
STATION	TIME	OBS		8:00	8:24	8:33	8:45	15:00	18:00	18:24	8:01	8:49	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00	Avg
Mount Ayr	8	MAX	71	70	64	81	72	76	71	75	64	72	70	50	66	68	65	72	75	74	58	54	50	69	68	69	69	76	70	80	72	71	61	68.5	
		MIN	38	50	54	58	57	59	63	56	51	55	41	40	46	45	55	62	61	46	37	37	37	42	48	59	60	56	52	57	59	53	47	51.0	
Osceola	7	MAX	71	71	65	82	74	79	75	78	66	75	73	52	67	72	63	77	80	78	59	59	49	73	76	73	72	79	73	82	75	74	59	71.0	
		MIN	36	46	55	58	57	59	65	59	50	52	46	42	37	48	54	56	61	48	38	38	38	45	46	53	61	60	55	60	62	55	46	51.2	
Rathbun Dam	7	MAX	69	71	66	81	76	80	78	78	67	72	72	56	66	68	62	73	78	78	59	59	48	71	74	73	71	79	73	80	75	75	60	70.6	
		MIN	42	45	54	62	56	57	63	61	54	57	47	42	44	47	52	60	60	50	37	38	41	42	50	55	59	61	57	59	62	58	48	52.3	
Winterset 1 S	7	MAX	M	M	M	M	M	M	M	M	M	73	70	M	69	M	M	M	80	78	56	54	M	M	74	M	M	M	M	81	M	M	M	M	M
		MIN	M	M	M	M	M	M	M	M	M	53	43	M	39	M	M	M	63	42	35	36	M	M	49	M	M	M	M	56	M	M	M	M	M
SOUTHEAST DIVISION																																			
Bloomfield 1 WNW	7	MAX	M	M	73	85	M	83	82	84	71	M	M	61	M	M	64	78	M	80	64	61	51	72	78	77	74	80	75	81	82	78	63	M	
		MIN	43	M	M	60	60	63	65	M	M	58	53	M	M	M	63	63	53	41	41	41	41	53	55	62	63	60	61	64	62	49	M		
Burlington Airport	24	MAX	71	76	84	79	81	83	83	69	74	75	68	66	69	63	77	79	80	68	60	53	70	76	78	79	79	75	80	82	81	70	66	74.0	
		MIN	39	50	58	60	59	60	64	61	59	57	52	47	46	53	61	64	64	45	41	43	37	51	51	60	64	64	61	58	66	53	48	54.7	
Donnellson	7	MAX	71	73	73	83	82	83	83	84	74	70	75	64	69	70	64	77	79	81	67	62	51	72	77	78	80	81	76	82	82	80	68	74.5	
		MIN	40	40	53	59	60	61	61	62	59	59	56	45	45	48	54	63	62	56	41	41	40	44	52	58	59	62	61	59	63	64	47	54.0	
Fairfield	8	MAX	66	69	72	82	81	80	81	81	66	70	69	60	65	68	62	76	79	79	60	58	48	72	76	76	72	78	75	79	79	80	64	71.7	
		MIN	38	46	53	57	60	60	62	62	54	56	53	43	43	50	52	60	61	52	39	40	38	45	50	59	59	64	59	56	63	62	47	53.0	
Fort Madison	24	MAX	67	69	78	76	78	79	78	66	70	73	67	65	65	60	74	76	76	67	57	51	68	74	73	75	74	71	78	78	74	65	60	70.4	
		MIN	41	47	55	58	56	61	62	60	58	56	51	45	45	52	59	61	61	43	39	39	37	49	49	57	60	61	58	57	63	50	45	52.7	
Keokuk Lock & Dam 19	6	MAX	70	71	74	82	83	82	83	83	68	71	77	64	67	69	65	75	80	80	67	57	53	70	76	77	81	80	77	78	82	79	68	73.8	
		MIN	41	41	51	55	60	61	61	62	60	61	59	47	47	49	56	63	63	63	42	42	40	40	49	53	60	64	62	59	60	64	52	54.4	
Keosauqua	6	MAX	70	71	71	84	81	82	82	82	70	72	73	63	63	67	69	62	77	79	79	63	59	49	72	77	76	72	79	75	80	80	75	65	72.8
		MIN	36	39	50	58	58	61	63	62	54	57	55	45	42	45	52	62	61	54	41	41	39	41	50	49	60	65	60	55	62	63	49	52.5	
Mount Pleasant 1 SSW	7	MAX	67	70	73	82	79	81	82	82	65	73	71	62	64	69	61	77	79	78	61	59	49	72	76	77	77	78	75	81	82	82	67	72.6	
		MIN	36	36	51	55	58	59	60	61	54	54	55	44	41	46	53	61	60	52	38	38	33	42	50	55	58	61	58	55	62	64	46	51.5	
Oskaloosa	7	MAX	70	70	70	81	77	80	80	81	69	73	69	55	66	69	62	76	81	77	57	60	50	74	76	76	72	79	73	81	81	78	61	71.7	
		MIN	37	42	55	58	59	60	63	61	51	52	49	43	43	46	53	60	61	51	38	38	38	40	50	55	59	60	57	58	58	58	46	51.6	
Ottumwa Airport	24	MAX	70	71	83	80	80	80	82	70	71	69	67	66	69	61	74	81	79	64	60	52	73	76	78	72	80	73	80	78	78	66	68	72.6	
		MIN	39	52	55	60	59	60	64	57	53	59	49	43	44	52	55	63	61	42	38	43	37	47	50	59	61	61	57	56	63	53	47	52.9	
Sigourney	7	MAX	69	70	71	82	76	79	79	80	71	71	66	57	67	68	65	76	79	78	58	59	48	75	75	76	71	77	73	81	78	78	62	71.5	
		MIN	40	40	49	54	59	60	60	61	51	51	50	44	42	42	51	60	61	50	38	38	38	38	48	51	57	59	57	59	60	46	50.7		
Washington	7	MAX	69	70	73	83	77	80	82	81	69	73	66	58	66	69	61	77	80	79	61	62	49	74	77	78	78	79	74	81	81	80	66	72.7	
		MIN	34	38	51	57	60	59	60	61	52	53	54	46	42	45	53	60	62	53	39	41	35	35	49	54	54	62	59	55	61	63	46	51.4	
SUPPLEMENTAL STATIONS																																			
Moline Airport	24	MAX	70	79	83	77	73	83	85	71	75	66	68	63	68	65	78	84	82	70	62	52	72	78	80	77	80	77	80	83	82	71	69	74.3	
		MIN	32	42	57	60	57	56	62	63	55	54	51	42	36	47	55	63	68	47	43	45	41	44	50	59	65	64	59	55	65	53	47	52.8	
Omaha Eppley AP	24	MAX	67	73	82	67	77	73	80	62	71	71	53	69	74	70	69	82	80	61	56	52	74	70	65	70	81	69	84	73	79	71	69	70.8	
		MIN	53	54	60	57	57	63	58	53	48	50	44	39	48	55	54	64	56	45	40	42	39	47	58	60	61	57	53	62	54	50	47	52.5	
Sioux Falls WFO AP	24	MAX	77	81	83	72	70	72	72	58	65	71	46	62	73	63	64	78	69	45	54	60	75	75	66	63	72	69	83	82	70	62	67	68.4	
		MIN	54	42	52	45	44	62	51	41	33	42	40	35	49	52	53	58	42	36	37	45	42	39	54	57	51	51	49	64	48	42	40	47.0	

MAY 2015		DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																						IA CLIMATE REVIEW																
STATION	OBS TIME	TOTAL		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00						
NORTHWEST DIVISION																																								
Akron	7	3.45	0.19	0.03		T		0.40	0.09	T	0.21	0.58		0.54	0.17	0.08	0.03	0.02	0.26	0.04	0.05	0.42	0.07	0.05	0.02	0.13	0.07													
Cherokee	8	3.87	0.10			T	0.01	0.74	0.20		0.03	0.52	T	0.62	0.47	0.19	0.15		0.28	0.07	T	0.22	0.09	0.06	0.12	T														
Emmetsburg	8	4.66	0.09		0.04	T	0.11	0.26	0.12	0.06	0.64		0.52	0.58	0.03	0.23	0.17		0.04		0.14	0.19		0.49	0.52	0.43														
Estherville 4 E	7	4.37	0.07	0.02	0.04	0.05	0.36	0.08		0.07	0.44	0.02	0.21	0.67	0.01	0.86	0.20	T	I		0.02	0.06	0.37		0.34	0.12	0.36													
Everly 3 WNW	7	3.51	0.12	0.21		0.02	0.50	0.08		0.04	0.06	T	0.48	0.55	0.11	0.54	0.04		0.04	0.12	T	0.20	0.22	0.05	0.11	0.02	T													
Hawarden	7	3.85	0.16	0.08				0.57	0.06		0.26	0.51		0.48	0.25	0.17	0.10			0.17	0.04	0.09	0.32	0.07		0.01	0.44	0.07												
Le Mars	7	3.07	0.09	0.11		0.12		0.01	0.42	0.07		0.17	0.07		0.62	0.34	0.02	0.09	0.30	0.05		0.35	0.05	0.11				0.08												
Orange City	7	3.65	0.08	0.08				0.02	0.58	0.14		0.13	0.14	T	0.75	0.32	0.18	0.06	0.30		0.19	0.07	0.02	0.22	0.07	0.16	T			0.14										
Pocahontas	8	3.98		0.02	0.01	0.50	0.08	0.02	0.04	0.01		0.02	0.36		0.51	0.43	T	0.55	0.25		0.14	0.03	0.50	0.14	0.02	0.26	0.01	0.08												
Primghar	16	3.86	0.25					0.02	0.49			0.81	0.01		0.91	0.05	0.36	0.17			0.24		0.03	0.19	0.09	0.10		0.14												
Remsen #2	6	3.77		0.18				T	0.57	0.09		0.17	0.16		0.57	0.47	0.22	0.36		0.17	0.21	0.02	0.21	0.02	0.08	0.12	0.15													
Rock Rapids	8	4.30						0.04	0.49	0.11		0.31	0.30		0.60	0.32	0.12	0.06					0.20	0.14	0.31	0.02	0.39	0.89												
Rock Valley	7	3.66	0.06					0.07	0.19	0.20		0.35	0.20		0.41	0.20	0.04			0.12	0.03	0.01	0.23	0.13	0.09		0.12	1.21												
Sanborn	8	3.95	0.05	0.08				0.05	0.29	0.20		0.08	0.57		0.46	0.47	0.05	0.47	0.17		0.12	0.06	0.10	0.14	0.30	0.07	0.19	0.03												
Sheldon	7	4.38	0.06	0.03		0.02		0.02	0.22	0.24		0.12	0.27	T	0.62	0.37	0.14	0.09	0.40		0.12	0.10	0.02	0.22	0.17	0.37	0.01	0.75	0.02											
Sibley	7	3.90	0.03	0.01		0.07		0.03	0.22	0.40		0.13	0.35	0.01	0.37	0.45	0.03	0.15	0.14			0.05		0.02	0.10	0.13	0.05	0.23	0.80	0.13										
Sioux Center 2 SE	16	3.19	0.23			T	0.03	0.45	T	0.20	0.11		0.86	0.18	0.06	0.09			0.20		0.05	0.31	0.04	0.05			0.33													
Sioux Rapids 4 E	22	4.43	0.13	0.06	0.16	0.30	0.80	T	0.07				0.81		0.54	0.13	T	0.31				0.22	0.16	0.34		0.40	T													
Spencer 1 N	24	3.91	0.11	0.27	0.05	0.08	0.44	T	0.11				1.00		0.22	0.61			0.12		0.02	0.29	0.42		0.02	0.15														
Spirit Lake 4 W	24	4.05	0.10	0.08	0.01	0.12	0.84		0.20	0.02		0.95	0.03	0.52	0.26			0.04		0.05	0.27	0.06	0.15	T	0.35															
Storm Lake	8	4.85		0.03	0.05	0.13	0.06	0.95	0.72			0.12		0.54	0.56		0.48			0.15	0.07		0.28	0.22	0.18	0.30		0.01												
Washta	7	5.09		0.23	0.32	T	0.32	0.76	0.38		0.06	0.34		0.63	0.34	0.11	0.38	0.06	T	0.21	0.07	T	0.03	0.08	0.51	0.09	0.16	0.01	I	T										
NORTH CENTRAL DIVISION																																								
Algona 3 W	6	6.22	0.08	0.11	T	0.09	0.27	0.20	T		0.39	0.02		0.25	0.88	0.05	0.77	0.66	T	0.01	0.25	I	0.50	0.34	0.02	0.42		0.86	0.05											
Allison	7	4.58		0.05	0.42	0.05	0.10	0.07	0.03			0.08			0.48	0.15	0.02				0.37		0.03	0.52	1.26	0.60		0.35												
Britt	7	5.35		T	0.36	T	0.10	0.02	0.03		T	0.70	T		0.18	0.86	0.03	0.23	1.51	T	0.01	0.07		0.12	0.25	T	0.23		0.50	0.15										
Charles City	7	3.08		T	0.02	0.37	0.05	0.32	0.08	0.30		T	0.01	T		0.46	0.01	0.08	0.02			0.03		0.03	0.49	0.12	0.61		0.08											
Clarion	7	4.72					0.19	0.06	0.07	0.01	0.27		0.28	0.03		0.28	1.00		0.24			0.02	0.31		0.03	0.54	0.12	0.72	T	0.55										
Dakota City	8	6.70	0.02	0.94	0.14	0.14	0.07	0.49		T	0.38			0.44	0.67	0.12	1.19	0.42		0.11	0.23		0.34	0.26	0.12	0.29		0.33												
Forest City 2 NNE	7	5.30	0.03	0.18	T	0.06	0.03	0.10			0.38			0.10	1.38	0.01	0.32	0.75					0.06	0.70	0.05	0.40		0.15	0.60											
Hampton	7	4.45			0.19	0.50	0.08	0.05	0.03	0.04		0.12			0.01	0.96	0.37	0.03	0.02		0.02	0.26		0.01	0.53	0.63	0.50		0.10	T										
Kanawha	7	4.85		T	0.25	0.10	0.11	0.01	0.85		0.56			0.34	0.97	0.04	0.22	T		0.02	0.13		0.18	0.42	0.07	0.11		0.53												
Lake Mills	7	5.84	0.02	0.14		0.03	0.03	0.14			0.31	0.01		0.02	1.31	0.01	0.29	0.53	T				0.11	0.55	0.58	0.41		0.12	1.23											
Mason City	7	3.64	0.01	0.26	T	0.18	0.16	0.18			0.16	0.01		1.05	0.02	0.03	0.16				0.02		0.08	0.37	0.02	0.22		0.71												
Mason City Airport	24	3.33	T	0.39	T	0.22	0.01	0.03			0.30	0.01	T	1.16	T	0.27	0.05	T	0.01			0.34	0.03	0.26	0.01		0.24	T												
Nashua 2 SW	7	3.50			0.57	0.05	0.22	0.05	T		0.06	T		0.29	0.04	0.02	0.01	0.01	0.10		0.03	0.42	0.33	0.07		0.21	0.03													
Northwood	7	4.03	0.01	0.22	0.03	0.12	0.32	0.29	0.01	T	0.35	I		T	0.80	0.06	0.04	0.32	T	T	T		0.05	0.43		0.35		T	0.63											
Osage	7	3.58			T	0.60		0.36	0.05	0.02		0.05			0.65	0.02	0.06	0.08					0.03	0.61	0.05	0.35		0.65												
Saint Ansgar	6	4.92			0.15	T	0.34	0.36	1.64		0.17	T		0.73		0.05	0																							

MAY 2015		OBS	TIME	TOTAL	DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								VA CLIMATE REVIEW											
STATION					1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00					
Tripoli	7	7.04			T	T	0.30	0.21	0.14	0.09	0.46			0.60	T		T	0.42	0.34	0.10	T			0.21			T	0.57	2.06	1.00			0.54	T						
Waterloo Airport	24	4.87			0.40	0.32	0.06	0.09	T		1.18	0.04		0.31	0.14	T		0.28					0.61	0.31	0.82		T	0.29	0.02											
WEST CENTRAL DIVISION																																								
Audubon	8	6.45			0.14	0.36	0.39		0.28	0.02	0.02	0.68		0.85	0.28	0.07	2.29			0.08	0.01		T	0.25	0.12	0.17	0.07		0.13	0.24										
Battle Creek 3 NE	8	4.89			0.19		0.14	0.15	0.03	1.57	0.20	0.04	0.14		0.52	0.32		0.78	0.08	T	T	T	0.09	0.14	0.03	0.19	0.10		T	0.18										
Carroll	7	5.94			0.18		0.80	0.01	0.15	0.04	0.01	0.39		0.63	0.38	0.02	1.09	0.11	T	0.03			0.11	0.30	0.32	0.88	0.15	0.34												
Castana Exp. Farm	7	4.67			0.09	0.01	0.42	0.07	1.73	0.01	T	0.30	T	0.79	0.29	0.02	0.47	0.04		0.05	T		0.02	0.19	0.04	0.02	0.01			0.10										
Denison	7	6.21			0.11		0.73	0.08	1.52			0.15		0.54	0.38		0.78	0.26		0.03	0.02			0.13	0.03	0.52	0.22		0.39	0.32										
Guthrie Center	8	6.08			0.29	0.10	0.20	0.01	0.20	0.02	T	0.07		0.74	0.56	0.10	1.70			0.15	0.01			0.46	0.32	0.58	0.40		T	0.17										
Harlan 1 ESE	18	5.09	0.04	0.08	0.20	0.04	0.34	0.16	0.88		0.05				1.11	0.02	0.66		0.11				0.36	0.14	0.54	0.04	0.32													
Holly Springs 1 NW	7	4.74			0.26		0.11	0.23	0.04	1.27	0.47	0.15	0.21		0.60	0.25	T	0.06	0.13	0.03	0.04		0.05	0.29	0.07		0.09	0.25	0.14											
Holstein	7	4.54			0.07		0.16	0.08	0.01	1.21	0.45	0.02	0.16		0.80	0.36	0.02	0.64	T	0.10	0.10			0.17	0.05	T	0.12	0.02												
Jefferson 2 NW	7	6.46			0.07		0.60	0.06	0.03	0.10		0.01	0.70		0.36	0.63	0.01	1.43			0.06			0.12	0.50	0.29	1.38	0.01	0.10											
Little Sioux 2 NW	7	5.66	0.10	0.07	0.03	0.74	T	1.68				0.06	0.61		0.30	0.42	0.03	0.37	0.13		0.08	0.01		0.04	0.22	0.02	0.10	0.36		0.28	0.01									
Logan	7	6.20			0.14	0.06	0.51	0.14	2.53			T	0.04		0.56	0.24	0.03	0.63			0.15	0.03		0.06	0.42	0.03	0.22	0.18		0.11	0.12									
Mapleton #2	7	5.63			0.23		0.21	0.35	0.12	1.82		0.04	0.31		0.61	0.22	0.03	0.29	0.04		0.03	0.01		0.04	0.14	0.03	0.86	T	0.03	0.22										
Rockwell City	7	5.51			0.08		0.23	0.44	T	0.19	0.04		0.41		0.46	0.50	0.04	1.56				0.15			0.20	0.38	0.21	0.31		0.19	0.12									
Sac City	7	4.84			0.10	0.10	0.20	0.30		0.30	0.05	T	0.20		0.50	0.60		0.38	0.90	T	0.13			0.43	0.05	0.05	0.30		0.05	0.20										
Sioux City Airport	24	3.53	0.18		T	0.05	0.04	0.35	0.31		T	0.36			0.10	0.76	T	0.02	0.02		0.10		0.01	0.16	0.24	T	0.61		T	0.15	0.07									
CENTRAL DIVISION																																								
Ames 8 WSW	16	4.51	0.03	0.01	0.13	0.50	0.08	0.17	T		0.10	0.15	0.01		0.74	0.13	0.13	0.35			0.10	I		T	0.75	0.21	0.78	0.12		0.01	0.01									
Ames 5 SE	6	4.76			0.01	0.34	0.23	0.34		0.03	T	0.17	T		0.11	0.59	0.15	0.28			T	0.11			0.16	1.01	0.41	0.73		T	0.07	0.02								
Ankeny	7	4.50			I	I	0.12	0.06	T	0.15			T	0.26		0.36	0.30	0.03	0.37			0.07	0.02			0.51	0.80	0.62	0.65		0.18	T								
Boone	8	5.76	0.04	0.20		0.34	0.06	0.12	0.19	T	T	0.49	T		0.43	0.79	0.09	0.45	0.01		0.02	0.06		0.34	0.88	0.68	0.46		T	0.11										
Brooklyn	7	3.88			0.18	0.10	0.88			0.12	T	0.28			0.50	T	0.58		T	0.10			0.08	0.09	0.65	0.24		0.08												
Clutier	7	3.88			0.01	0.06	0.26	0.20	0.05			0.15			T	0.38	0.08	0.03				0.24			0.26	0.72	0.68	0.58		T	0.18	T								
Des Moines Airport	24	4.33	0.03	T	0.02	0.08	0.05	T	T		0.49			T	0.52	0.10	0.14	0.37			0.14			T	0.01	0.71	0.21	1.25		T	0.19	0.02								
Des Moines Camp Dodge	24	5.16	0.01	T	0.01	0.13	0.63	T	0.09	T	0.22	T		T	0.69	0.01	0.15	0.31			0.11			T	1.25	0.32	1.19		T	0.02	0.02									
Eldora	7	5.01			0.01	0.35	0.29	0.01	0.13	0.05	0.01	0.03	0.20	0.01	0.01	0.79	0.13	0.07	T			0.10			0.12	0.98	0.48	0.90		0.33	0.01									
Fort Dodge 5 NNW	7	6.06			T		1.10	0.20	0.10	T	0.01		T	0.40	T	0.40	0.60	0.06	1.60	0.04	T	0.15			0.05	0.50	0.10	0.55		0.20										
Gilman	7	3.30			0.10	T	0.13					0.06	0.10		0.02	0.53	T				T	0.16			0.50	0.55	0.25	0.55		T	0.35	T								
Grinnell 3 SW	7	3.91			0.05	T	0.93	T	T		0.05	0.15		0.04	0.61		T	0.02	0.12			0.40	0.72	0.32	0.50															
Grundy Center	8	5.54			0.07	1.13	0.45	0.02	0.09	T		T	0.34			T	0.51	0.25	T				0.15			0.20	0.65	0.38	0.50			0.80								
Iowa Falls	7	5.03			T	0.80	0.19	0.06	T	T	0.13	0.06		0.10	0.85	0.20	0.08	T			0.12			T	0.09	0.62	0.79	0.53		T	0.41									
Marshalltown	7	4.79			0.14	0.05	0.19	0.05	T	T		T	0.62		0.02	0.77	0.02	0.15				0.19			0.19	1.19	0.55	0.47		0.19	T									
Montezuma 1 W	7	4.07			0.18		0.70	0.09				0.25			0.04	0.47	0.12	0.19			T	0.09			0.27	0.58	0.52	0.47		0.10										
Newton	7	2.68			0.01	0.10		0.24	0.02			0.01	0.20		0.05	0.34		0.06			T	0.12			0.38	0.40	0.36	0.39												
Perry	7	6.16			0.04	0.03	0.87	0.16	0.21			T	0.19		0.31	0.58	0.04	1.72			0.04	0.07			0.66	0.37	0.63	0.15		0.09										
Toledo 3 N	7	3.46			0.02	T	0.25	0.04	T	T		T	0.14			T	0.66	0.02	T				0.24			0.37	0.52	0.52	0.46		T	0.22	T							
Webster City	7	5.61			0.07	1.30	0.48	0.14	0.05	0.08		0.21	T		0.20	0.97	0.10	0.30				0.14			0.11	0.41	0.29	0.53		0.23										
Zearing	7	4.16			0.45	0.01	0.46	0.03	0.03	T	0.02	0.07</																												

MAY 2015		OBS	DAILY PRECIPITATION (INCHES) FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME)																								VA CLIMATE REVIEW								
STATION	TIME	TOTAL	:1	:2	:3	:4	:5	:6	:7	:8	:9	:10	:11	:12	:13	:14	:15	:16	:17	:18	:19	:20	:21	:22	:23	:24	:25	:26	:27	:28	:29	:30	:31		
Muscatine 2 N	5	5.86		0.05	0.35	1.09		0.04	0.11	0.05		0.37	0.03		0.45		0.01		0.14		0.08	2.17	0.09	0.68			T	0.15							
Swisher	7	4.68		0.01	0.47	1.09	0.02	0.17	0.07		0.74	0.02		0.21	T	0.01		0.18		0.10	0.92	0.08	0.31		T	0.28	T								
Vinton	7	4.96		0.01	0.71	0.22	0.05	0.20	0.59		0.22		0.37	0.10		0.06		0.23		0.16	0.53	0.34	1.09		0.08										
Williamsburg 1 E	7	6.19		0.02	0.60	1.90	0.20	0.19	0.26		0.48		0.30		0.10			0.08		0.19	0.80	0.10	0.83		0.09	0.05									
SOUTHWEST DIVISION																																			
Atlantic 1 NE	7	6.49	0.01	0.24		0.06	0.02	0.16	0.60		0.03	1.20		0.59	0.47	0.25	1.20	T	0.17	0.01		0.25	0.08	0.11	0.18		0.13	0.72	0.01						
Bedford	7	7.39		0.48	0.11	0.50		0.25		0.08	0.10		0.51	0.10	0.10	2.00	T	0.47	0.11		T	0.83	0.28	1.27	0.07	0.03	0.07	0.03							
Clarinda	8	7.50		T	0.42	0.07	0.66	0.11	0.07	0.27		0.08	0.03		0.53	0.27	1.24	2.09	0.11		T	0.43	0.05	0.65	0.05	0.02	0.17								
Corning	7	M		M	M	0.39		0.50			0.03	0.17		0.58	0.23	0.19	1.83	0.08		0.22	0.05		0.60	0.13	0.72	0.05			0.60						
Glenwood	6	4.86		0.58	T	0.17	0.10	0.95	0.25			T	0.27		0.55	0.50	0.24	0.55	0.03		0.13	T		0.13	0.03	0.10	0.03			0.25					
Greenfield	8	8.71		0.34	0.22	0.02	0.21	0.06		0.01		0.74	0.17	0.55	2.65	0.04		0.22	0.03		1.15	0.10	0.92	0.46		0.02	0.73	0.07							
Hastings 4 NE	8	4.79		T	0.92	0.02	0.20	0.15	0.27	0.07		T	0.07		0.68	0.47	0.10	0.45	0.28		0.18	T		0.53	0.06	0.12	0.04		0.18	I					
Oakland	7	5.01		T	0.43		0.07	0.20	0.47		0.02	0.13		0.97	0.49	0.17	0.57	T	0.16	T		T	0.44	0.12	0.09	0.22		0.19	0.27	T					
Randolph	8	6.15		0.21	0.10	0.20	0.30	0.32	0.31	0.13		0.04	0.13		0.67	0.55	0.55	2.11	0.62		0.17	T		T	0.45	0.02	0.17	T	T						
Red Oak	7	6.77		T	0.72	0.05	0.31	0.17	0.12	0.81		0.03	0.61	T	0.71	0.45	0.21	1.08	0.12		0.22	0.04		T	0.34	0.36	0.30	0.02		0.07	0.02	0.01			
Shenandoah	8	6.75		T	0.36	0.11	0.46	0.19	0.49	0.28		0.07	0.19		0.65	0.20	1.35	0.62	0.66		0.16	0.02		T	0.45	T	0.40	T	0.05	0.04	T				
Sidney 1 SSE	7	5.21	0.07	0.08	0.62	0.31	0.45	0.38	0.09		T	0.18		0.54	0.37	0.65	0.53	0.32		0.10	T		T	0.28	0.06	0.18	T	T	T	T					
Underwood	7	5.61		T	0.52		0.07	0.08	1.14			0.32		0.71	0.32	0.20	0.60	0.26		0.12	T		T	0.33	T	T	0.57		0.22	0.15					
SOUTH CENTRAL DIVISION																																			
Albia 3 NNE	7	3.59	0.02	0.09		0.57					0.51		0.16	0.18		0.09			T	0.27		0.62	0.18	0.54	0.19		0.16	0.01							
Allerton	8	6.25		0.13	0.19	0.88	0.05	0.11	T		0.56		0.21	0.26	0.08	0.57			0.18	0.24		0.01	0.48	0.22	0.95	0.90		0.21	0.02	T					
Beaconsfield	7	6.49		0.25	0.02	0.54			0.04		0.05	0.38		0.21	0.13	0.20	1.93			0.26	0.13			0.54	0.34	1.00	0.31			0.16					
Centerville	7	5.58		0.10	0.15	0.65			0.05			0.66		0.07	0.23	0.04	0.37			0.06	0.40			0.82	0.35	0.80	0.48		0.35	I					
Chariton 1 E	8	5.18		0.23	0.03	0.51	0.13	0.01			0.46		0.21	0.40	0.15	0.60			0.05	0.26			0.63	0.17	0.48	0.58		0.24	0.04						
Creston 2 SW	7	7.13		0.20		0.30	0.14	0.01	0.10		0.11		0.26	0.15	0.12	2.44	0.07		0.15	0.06			0.87	0.30	1.22	0.16			0.46	0.01					
Indianola 4 W	7	4.83	0.07	0.06	T	0.11					T	0.85		0.31	0.17	0.07	0.55	0.05		0.10	0.12		T	0.46	0.20	0.99	0.68			0.04	T				
Knoxville	8	3.89	0.02	0.29	T	0.25					0.31		0.17	0.26	0.03	0.22			0.08	0.15			T	0.70	0.18	0.85	0.30		0.07	T	0.01				
Lamoni	7	6.78		0.26	0.12	0.53		T	0.03		0.03	0.31		0.33	0.17	0.23	2.09			0.38	0.25			T	0.55	0.14	0.76	0.47			0.09	0.04			
Lamoni Airport	24	5.44	T	0.16	0.05	0.53	T	0.02			0.25			0.46	0.21	0.39	1.01			0.63			T	0.08	0.43	0.26	0.89			T	0.04	0.03			
Lorimor	8	6.52		0.32		0.33			0.10		0.51		0.39	0.29	0.25	1.53			0.19	0.08			0.49	0.55	1.09	0.26			0.14						
Mount Ayr	8	7.13		T	0.22	0.01	0.55	T	0.02	0.18		T	0.80		0.60	0.10	0.20	1.03			0.40	0.10		T	1.05	0.27	1.00	0.50			0.10				
Osceola	7	5.77		T	0.18	0.03	0.36		0.01		0.62		0.27	0.20	0.10	0.81	T		0.18	0.20			0.42	0.34	1.58	0.40		0.01	0.06	T					
Pella 1 S	7	4.00		0.37	0.01	0.27					0.26		0.17	0.33	0.20	0.08			0.05	0.14			0.82	0.14	0.56	0.54		0.03	0.02	0.01					
Rathbun Dam	7	5.28		0.30	0.11	0.68					0.37		0.07	0.19	0.12	0.27			0.20	0.29			0.98	0.28	0.91	0.04		0.45	0.02						
Winterset 1 S	7	7.18	0.15	0.09	0.24	T	0.03	0.39			0.57		0.29	0.37	0.51	1.48	0.09		0.15	0.13			0.55	0.46	1.05	0.24		0.02	0.32	0.05					
SOUTHEAST DIVISION																																			
Bloomfield 1 WNW	7	4.98		0.10	0.12	0.38			0.08	0.10	0.80		0.10	0.41	0.10	0.23	0.10		0.05	0.35			0.76	0.58	0.10	0.10		0.52							
Brighton	7	5.18		0.49	0.06	0.81		0.19	0.09	0.07	0.94			0.20	0.06	0.07	0.09	0.06	0.12			0.61	0.53	0.24	0.31		0.22	0.02	T						
Burlington Airport	24	4.64	T	0.30	0.31	0.01	0.12	0.26		0.07	0.01		0.38	0.07	0.34			0.34				0.57	0.35	0.58		0.02	0.91								
Donnellson	7	4.95		0.03	T	0.81		0.25	0.32	0.27	0.36			T	0.27	0.24	0.06			0.42			0.26	0.71	0.61	0.06		0.09	0.13	0.06					
Fairfield	8	4.68	T	0.17	0.02	0.45		0.58	0.21	0.07	0.39		0.02	0.31	0.12	0.45	0.09		0.04	0.15			0.42	0.68	0.25	0.03		0.23	T						
Fort Madison	24	5.12	T		1.00	0.38		0.30	0.28		0.06	0.05		0.20	0.35	0.01			0.30				0.63	0.69	0.57	T	T	0.30							
Keokuk Lock & Dam 19	6	5.20		0.04	0.08	1.12	</																												

MAY 2015		DAILY NEW SNOWFALL FOR THE 24 HOURS ENDING AT THE OBSERVATION TIME (OBS TIME) AND TOTAL DEPTH OF SNOW ON GROUND (INCHES)																											VA CLIMATE REVIEW							
STATION	OBS TIME	TOTAL	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	25:00	26:00	27:00	28:00	29:00	30:00	31:00			
EAST CENTRAL DIVISION																																				
Davenport Airport	24	SNOWFALL	T																																	
		SNOW ON GROUND																																		
Lowden	24	SNOWFALL	T																																	
		SNOW ON GROUND																																		
SUPPLEMENTAL STATIONS																																				
Sioux Falls WFO AP	24	SNOWFALL	T																																	
		SNOW ON GROUND																																		

MAY 2015		STATION INDEX			IOWA CLIMATE REVIEW			MAY 2015		STATION INDEX			IOWA CLIMATE REVIEW		
STATION NAME	DIV	COUNTY	COORDINATES			ELEV.		STATION NAME	DIV	COUNTY	COORDINATES			ELEV.	
			LATITUDE	LONGITUDE	(FT)	DEG	MIN	SEC			DEG	MIN	SEC	(FT)	
Akron	NW	Plymouth	42 49 37	96 33 21	1125				Davenport Airport	EC	Scott	41 36 42	90 34 54		748
Albia 3 NNE	SC	Monroe	41 3 56	92 47 12	890				Decorah	NE	Winneshiek	43 18 15	91 47 43		860
Algona 3 W	NC	Kossuth	43 4 6	94 18 19	1230				Denison	WC	Crawford	42 2 11	95 19 44		1401
Allerton	SC	Wayne	40 42 15	93 22 11	1110				Des Moines Airport	C	Polk	41 32 2	93 39 11		957
Allison	NC	Butler	42 45 13	92 48 8	1048				Des Moines Camp Dodge	C	Polk	41 44 12	93 43 25		959
Ames Airport	C	Story	41 59 26	93 37 8	955				De Witt	EC	Clinton	41 48 39	90 32 26		685
Ames 8 WSW	C	Boone	42 1 15	93 46 27	1099				Donnellson	SE	Lee	40 38 45	91 33 50		705
Ames 5 SE	C	Story	41 57 7	93 33 56	870				Dubuque L & D 11	NE	Dubuque	42 32 24	90 38 46		620
Anamosa 3 SSW	EC	Jones	42 5 35	91 18 7	906				Dubuque Airport	NE	Dubuque	42 23 52	90 42 13		1056
Ankeny	C	Polk	41 43 6	93 34 27	940				Eldora	C	Hardin	42 21 55	93 5 50		1144
Atlantic 1 NE	SW	Cass	41 25 3	95 0 14	1148				Elkader 6 SSW	NE	Clayton	42 46 31	91 27 13		788
Audubon	WC	Audubon	41 42 25	94 55 20	1280				Emmetsburg	NW	Palo Alto	43 6 9	94 41 0		1260
Battle Creek 3 NE	WC	Ida	42 22 12	95 34 30	1380				Estherville Airport	NW	Emmet	43 24 4	94 44 50		1317
Beaconsfield	SC	Ringgold	40 48 25	94 2 51	1215				Estherville 4 E	NW	Emmet	43 24 13	94 44 50		1320
Bedford	SW	Taylor	40 40 27	94 43 28	1190				Everly 3 WNW	NW	Clay	43 11 0	95 22 59		1365
Belle Plaine	EC	Benton	41 52 53	92 16 35	810				Fairfield	SE	Jefferson	41 1 16	91 57 19		746
Bellevue L & D 12	EC	Jackson	42 15 40	90 25 23	603				Fayette	NE	Fayette	42 51 1	91 48 57		1130
Bloomfield 1 WNW	SE	Davis	40 45 35	92 26 22	812				Forest City 2 NNE	NC	Winnebago	43 17 4	93 37 50		1276
Boone	C	Boone	42 2 30	93 53 26	1035				Fort Dodge 5 NNW	C	Webster	42 35 1	94 12 2		1140
Brighton	SE	Washington	41 10 33	91 49 6	609				Fort Madison	SE	Lee	40 37 16	91 19 34		530
Britt	NC	Hancock	43 6 6	93 48 5	1240				Gilman	C	Marshall	41 52 41	92 46 43		1040
Brooklyn	C	Poweshiek	41 44 22	92 26 24	910				Glenwood	SW	Mills	41 3 6	95 44 57		1060
Burlington Airport	SE	Des Moines	40 46 51	91 7 9	692				Greenfield	SW	Adair	41 17 53	94 27 22		1330
Carroll	WC	Carroll	42 3 54	94 51 0	1227				Grinnell 3 SW	C	Poweshiek	41 43 13	92 44 56		912
Cascade	NE	Dubuque	42 17 56	90 59 54	870				Grundy Center	C	Grundy	42 21 53	92 45 34		1045
Castana Exp. Farm	WC	Monona	42 3 48	95 50 11	1450				Guthrie Center	WC	Guthrie	41 40 7	94 29 50		1075
Cedar Rapids Airport	EC	Linn	41 53 0	91 43 0	868				Guttenberg L & D 10	NE	Clayton	42 47 9	91 5 45		618
Cedar Rapids #1	EC	Linn	42 3 0	91 35 17	810				Hampton	NC	Franklin	42 45 22	93 12 4		1230
Centerville	SC	Appanoose	40 44 11	92 52 9	980				Harlan 1 ESE	WC	Shelby	41 38 25	95 17 25		1360
Chariton 1 E	SC	Lucas	41 0 59	93 16 45	940				Hastings 4 NE	SW	Mills	41 4 38	95 28 48		1050
Charles City	NC	Floyd	43 3 37	92 40 18	993				Hawarden	NW	Sioux	43 0 11	96 29 6		1190
Cherokee	NW	Cherokee	42 45 26	95 32 16	1180				Holly Springs 1 NW	WC	Woodbury	42 16 49	96 5 46		1100
Clarinda	SW	Page	40 43 28	95 1 19	980				Holstein	WC	Ida	42 29 23	95 32 56		1370
Clarion	NC	Wright	42 43 12	93 44 1	1156				Indianola 4 W	SC	Warren	41 21 56	93 38 53		942
Clinton #1	EC	Clinton	41 47 41	90 15 50	594				Ionia 2 W	NE	Chickasaw	43 2 1	92 30 6		1019
Clutier	C	Tama	42 4 48	92 24 18	900				Iowa City	EC	Johnson	41 36 33	91 30 18		640
Coggon	EC	Linn	42 16 45	91 31 30	903				Iowa City Airport	EC	Johnson	41 37 58	91 32 35		668
Corning	SW	Adams	40 59 19	94 44 57	1215				Iowa Falls	C	Hardin	42 31 8	93 15 13		1051
Cresco 1 NE	NE	Howard	43 23 22	92 5 38	1255				Jefferson 2 NW	WC	Greene	42 2 5	94 24 41		1055
Creston 2 SW	SC	Union	41 2 14	94 23 39	1320				Kanawha	NC	Hancock	42 55 52	93 47 36		1185
Dakota City	NC	Humboldt	42 43 32	94 11 43	1110				Keokuk L & D 19	SE	Lee	40 23 48	91 22 30		527

REFERENCE NOTES

DEFINITIONS

STATION NAMES: Name of the city or locality. Figures and letters following the station name indicate the distance and direction from the post office or town community center.

NORMALS: The average of the meteorological element over the period from 1981 to 2010. Normals are calculated by the National Climatic Data Center and are revised once every 10 years. The precipitation and snowfall normals are strictly an average of the values recorded during the 1981-2010 period. However, temperature and degree day normals may have been adjusted to better correspond to the current (as of 2010) temperature measurement practice and thus may vary slightly from the average of the original 30-year values.

DEGREE DAYS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature [average of the daily maximum and minimum air temperature] is BELOW (ABOVE) 65°F. Degree days are used to provide a measure of the effect of temperature upon energy consumption for heating or cooling of homes or buildings. The greater the heating (cooling) degree day total, the greater the amount of energy needed to heat (cool) your home or building.

PRECIPITATION: Values shown in hundredths of an inch are water equivalent totals, i.e., total of liquid (rain) and melted frozen (snow, sleet, hail) precipitation. The snowfall data tables include the unmelted depth of snow and sleet in tenths of an inch. The depth of snow on the ground (SN ON GROUND) refers to the cumulative unmelted depth of snow and sleet on the ground. This 'Snow on Ground' value is the depth of snow on the ground at the time of the precipitation observation at all stations *except*: Burlington, Davenport, Des Moines, Dubuque, Mason City, Moline, Omaha, Ottumwa, Sioux City and Sioux Falls Airports. At these airport stations the snow depth is measured at 6 a.m. CST while the new snowfall is that for the 24 hour period ending at midnight. Daily precipitation and snowfall amounts are for the 24 hours ending at the time of observation (given in the 'OBS TIME' column). Note that in most cases these are NOT calendar day amounts, i.e., a station which makes a precipitation measurement at 7 a.m. will record on the 2nd (for example) the precipitation total which occurred from 7 a.m. on the 1st until 7 a.m. on the 2nd. It is quite possible, in this example, that all of the precipitation may have actually fallen on the 1st but would be properly recorded on the 2nd since that is the day when the precipitation measurement was made.

TEMPERATURE: The daily maximum (MAX) and minimum (MIN) temperatures are recorded for the 24 hours ending at the time of observation. The significance of the time of observation in interpreting these data is discussed in the preceding paragraph.

TIME OF OBSERVATION: At most locations measurements of temperature and precipitation are made only once daily at the same hour of the day. This time is referred to as the 'Time of Observation' and is given in the 'OBS TIME' column of the data tables. All observations, unless otherwise noted, are for the 24 hour period ending at the time of observation. Note that in most cases the resulting data are not for calendar day (i.e., midnight-to-midnight) periods and further that the temperature observations may be made at a different time than the precipitation observation at the same station. See the PRECIPITATION paragraph in this section for a further explanation of the significance of the time of observation. All times are expressed on a 24-hour clock (i.e., 7 a.m. = 7; 5 p.m. = 17; midnight = 24, etc.).

SYMBOLS USED IN THE DAILY AND MONTHLY DATA TABLES.

' ' Underlined data in the daily temperature, precipitation and snowfall tables indicates that the data in question has been estimated. Estimated data are provided when the original measurements are not available or are of suspect accuracy.

ITALICS. Data given in italics in the daily precipitation or snowfall tables indicate that the date on which the precipitation was reported has been changed from what was given on the original reports.

'+' A plus sign in the monthly summarized data tables indicates that the temperature or precipitation extreme given also occurred on one or more earlier dates during the month.

BLANK ENTRIES: Blank entries in the monthly summarized data table indicates that no data are available. Blank entries in the daily precipitation and snowfall data tables indicates that no precipitation was recorded. M = missing, no data recorded.

ABBREVIATIONS:

TMP DEP NOR:	Temperature departure from the 1981-2010 normal.
EXT MAX:	Extreme maximum temperature for the month and the day on which it was measured.
EXT MIN:	Extreme minimum temperature for the month and the day on which it was measured.
MAX 90+:	Number of days with maximum temperatures which were greater than or equal to 90°F.
MAX 32-:	Number of days with maximum temperatures which were less than or equal to 32°F.
MIN 32-:	Number of days with minimum temperatures which were less than or equal to 32°F.
MIN 0°:	Number of days with minimum temperatures which were less than or equal to 0°F.
14/15 SEAS:	2014-2015 season (July 1, 2014 through the end of the published month).
NOR SEAS:	Normal number of degree days through the end of the published month.
DEP NORM:	Monthly precipitation total departure from 1981-2010 normal.
EXT DAY:	Extreme one-day precipitation amount and the day on which it occurred.
.01+:	Number of days with precipitation of 0.01 inch or greater.
.10+:	Number of days with precipitation of 0.10 inch or greater.
1.00+:	Number of days with precipitation of 1.00 inch or greater.
MAX ON GRD:	Maximum depth of accumulated snow on the ground (inches) and the day on which it was measured.
OBS TIME:	Observation Time: The time (24-hour clock) at which the daily temperature and/or precipitation measurement is made (7 = 7 a.m.; 17 = 5 p.m.; 24 = midnight).
DIV:	Climate Division: NW = northwest, NC = north central, etc.
LAT:	Latitude in degrees and minutes north.
LON:	Longitude in degrees and minutes west.
T:	Trace: < 0.005" of precipitation; < 0.05" snowfall or < 0.5" snow on ground.

